

AD-A113 664 MATERIALS RESEARCH LABS ASCOT VALE (AUSTRALIA) F/G 4/2  
PERCENTAGE FREQUENCY DISTRIBUTIONS OF TEMPERATURE AND HUMIDITY --ETC(U)  
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**DEPARTMENT OF DEFENCE**  
**DEFENCE SCIENCE AND TECHNOLOGY ORGANISATION**  
**MATERIALS RESEARCH LABORATORIES**

MELBOURNE, VICTORIA

**REPORT**  
**MRL-R-835**

PERCENTAGE FREQUENCY DISTRIBUTIONS OF TEMPERATURE  
AND HUMIDITY FOR AUSTRALIA (1963-77)

J.A. McRae

Approved for Public Release



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16. ABSTRACT (if this is security classified, the announcement of this report will be similarly classified):
- The frequency distributions of ambient temperature and humidity listed in this report were prepared in the course of a study on the factors of the Australian climatic environment that are of interest to the Defence Forces. A number of more limited frequency distributions of temperature and humidity have been published (1,2,3) but no comprehensive set of frequency distributions is available.
- The tables have proved to be of value in a number of contexts both within and without the Department of Defence. They are published to make the information contained in them more widely available.

## PREFACE

The frequency distributions of ambient temperature and humidity listed in this report were prepared in the course of a study on the factors of the Australian climatic environment that are of interest to the Defence Forces. A number of more limited frequency distributions of temperature and humidity have been published (1, 2, 3) but no comprehensive set of frequency distributions is available.

The tables have proved to be of value in a number of contexts both within and without the Department of Defence. They are published to make the information contained in them more widely available.

## REFERENCES

1. ASHTON, H.T., (1964). "Meteorological Data for Air Conditioning in Australia". Bureau of Meteorology, Bulletin No. 47.
2. WOOLDRIDGE, M.J., (1978). "Simultaneous Dry and Wet Bulb Temperature Data for 14 Australian Locations". CSIRO Division of Mechanical Engineering, Technical Report No. TR 22.
3. ANON. (1977). "Introduction to Air Conditioning Systems". Australian Department of Construction.

# NOTES ON THE TABLES.

The tables are derived from machine-readable records of three-hourly readings of wet and dry bulb temperatures supplied by the Bureau of Meteorology. Three hourly readings are generally confined to major cities and to the larger airports and for the majority of stations only seven readings are collected each day, either the 2100h or the 2400h reading being omitted. The stations are arranged alphabetically in the tables and the first page for each station gives geographical information and the period for which records were available, as well as a table of missing readings. Some of the more remote stations, Broken Hill, Daly Waters, Halls Creek, Longreach, Onslow, Oodnadatta and Thursday Island have a relatively high proportion of readings missing and this will give a significant bias to the tables in some contexts. These stations have been included because no other satisfactory information is available for these areas.

There are five tables for each station:-

## (a) PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURE.

This table gives, for each month and for the year, the percentage of readings recorded in each degree Celsius interval together with the cumulative percentages above and below each temperature for the year as a whole. For any given temperature the sum of the three columns on the right of each table will be 100.

## (b) CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURE.

This table is derived from the previous table by accumulating each column from the bottom upwards and gives, for each month and for the year, the percentage of the readings when the temperature was above the value in the left hand column. Except for those stations where the number of missing readings is a significant proportion of the total number of readings, the figures in the table may be taken as the percentage of the time spent above the given temperature with an acceptable accuracy.

## (c) PERCENTAGE FREQUENCY DISTRIBUTION OF RELATIVE HUMIDITY.

This table is in the same format as (a). The relative humidities were calculated from wet and dry bulb temperatures using a fast algorithm for calculation of saturation vapour pressures, and the equation

$$V_a = V_{swb} - 79.2(T_{db} - T_{wb})(1 + T_{wb}/610)$$

where  $V_a$  = actual vapour pressure  
 $V_{swb}$  = saturation vapour pressure at  $T_{wb}$   
 $T_{wb}$  = wet bulb temperature  
and  $T_{db}$  = dry bulb temperature

Normally high and low humidities are of most interest so the humidity ranges in the left hand column have been made smaller below 30% and above 70% relative humidity.

## (d) PERCENTAGE FREQUENCY DISTRIBUTION OF ABSOLUTE HUMIDITY.

This table is in the same format as (a). The absolute humidities are from the actual water vapour pressure calculated in (c). The dew point corresponding to a given vapour pressure was obtained from standard tables.

## (e) DOUBLE CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURE AND RELATIVE HUMIDITY.

This table gives the percentage of the readings when the given temperature and the given relative humidity were simultaneously exceeded. The table was calculated by counting the number of times each combination of temperature and relative humidity occurred, consecutively accumulating all columns upwards and then all rows from right to left and finally expressing each total as a percentage of the total readings. For stations where the missing readings can be neglected, the table gives the percentage of the time that any given combination of temperature and relative humidity are simultaneously exceeded.

TABLE 1

STATION:- ADELAIDE AERO.

BUREAU OF METEOROLOGY NUMBER:- 23034

LATITUDE:- 34 57 E

LONGITUDE:- 138 32 S

ELEVATION:- 8m AMSL

PERIOD OF RECORD:- 1/11/1962 TO 31/12/1977

TABLE OF MISSING READINGS

TIME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0000	0	0	5	0	4	6	11	7	4	2	2	1	42
0300	1	1	0	1	4	16	18	19	3	1	0	1	65
0600	1	0	1	0	6	19	23	16	3	3	3	0	75
0900	1	0	0	0	5	7	17	5	2	1	0	0	38
1200	2	0	0	0	0	0	1	0	0	1	2	0	6
1500	1	0	0	0	0	0	0	31	30	31	32	31	156
1800	1	1	0	0	1	0	4	1	2	0	1	0	11
2100	1	1	0	1	2	4	7	1	1	1	2	0	21
TOTAL	8	3	6	2	22	52	81	80	45	40	42	33	414

STATION: - ADELAIDE AERO.

TABLE 1 (a)

## PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURES

TEMPERATURE (C)	MONTH												CUMULATIVE		
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	ABOVE	BELOW
1	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	99.9	0.0
2	0.0	0.0	0.0	0.0	0.1	0.6	0.4	0.3	0.0	0.0	0.0	0.0	0.1	99.8	0.1
3	0.0	0.0	0.0	0.0	0.1	1.2	0.8	0.6	0.1	0.0	0.0	0.0	0.2	99.6	0.2
4	0.0	0.0	0.0	0.0	0.5	1.6	1.1	1.1	0.8	0.1	0.0	0.0	0.4	99.2	0.4
5	0.0	0.0	0.0	0.0	1.1	2.3	2.0	1.5	1.5	0.5	0.0	0.0	0.7	98.4	0.8
6	0.0	0.0	0.1	0.3	1.0	3.0	2.8	2.4	2.1	1.0	0.1	0.0	1.1	97.4	1.6
7	0.0	0.0	0.1	0.6	1.8	4.2	4.7	3.6	2.8	1.4	0.3	0.0	1.6	95.7	2.6
8	0.0	0.0	0.2	1.2	3.2	5.6	6.5	5.9	3.9	2.3	0.8	0.1	2.5	93.2	4.3
9	0.1	0.1	0.6	1.6	4.3	7.0	8.7	8.5	4.9	3.0	1.4	0.3	3.4	89.9	6.8
10	0.2	0.2	1.0	2.6	5.1	9.3	12.0	11.9	7.6	5.0	2.3	0.7	4.8	85.0	10.1
11	0.8	0.7	1.6	3.5	6.7	10.7	14.9	14.1	9.0	5.3	3.8	1.2	6.0	79.0	15.0
12	1.5	1.4	2.4	4.9	10.1	13.3	16.0	14.5	13.3	8.3	5.9	3.4	7.9	71.1	21.0
13	2.7	1.9	4.0	6.3	11.6	13.4	11.0	11.9	12.0	10.0	6.5	5.1	8.0	63.0	28.9
14	3.4	3.0	4.2	8.2	12.2	10.1	7.8	7.2	11.1	10.6	9.2	5.9	7.7	55.3	37.0
15	5.6	3.6	6.0	9.6	12.0	6.9	4.9	5.9	8.1	9.7	7.8	6.3	7.2	48.1	44.7
16	6.3	6.1	7.7	10.6	9.6	5.6	3.2	3.4	5.2	8.5	9.5	8.2	7.0	41.1	51.9
17	7.0	7.2	7.6	10.1	6.8	2.6	1.4	2.5	4.8	6.0	7.8	9.5	6.1	35.0	58.0
18	7.1	7.2	9.8	9.9	4.5	1.0	0.9	1.4	3.1	5.2	8.4	8.5	5.6	29.4	65.0
19	7.3	6.6	8.6	6.7	3.7	0.5	0.4	1.0	2.6	4.1	6.4	8.4	4.7	24.7	70.6
20	7.1	6.5	7.9	5.6	1.9	0.4	0.2	0.8	1.8	3.2	4.8	7.0	3.9	20.8	75.3
21	7.1	7.2	7.4	4.7	1.1	0.2	0.0	0.6	1.7	2.4	4.0	5.6	3.5	17.3	79.2
22	6.8	7.6	5.5	2.9	0.9	0.0	0.1	0.4	1.1	2.6	3.1	4.3	2.9	14.3	82.7
23	5.6	5.7	4.5	2.6	0.4	0.0	0.1	0.1	0.8	2.2	3.0	3.1	2.3	12.0	85.7
24	4.4	5.4	4.0	1.9	0.4	0.0	0.0	0.1	0.5	2.0	2.2	3.6	2.0	9.9	88.0
25	4.0	4.9	3.6	1.5	0.3	0.0	0.0	0.1	0.3	1.5	2.2	2.8	1.8	8.2	90.1
26	3.9	3.8	3.2	1.2	0.3	0.0	0.0	0.1	0.3	1.4	2.0	2.8	1.6	6.6	91.8
27	3.4	4.1	2.5	1.2	0.1	0.0	0.0	0.0	0.2	1.2	1.5	2.6	1.4	5.2	93.4
28	2.8	3.0	1.8	0.8	0.0	0.0	0.0	0.0	0.1	1.0	1.3	1.7	1.0	4.2	94.8
29	2.7	3.0	1.7	0.7	0.0	0.0	0.0	0.0	0.1	0.7	1.2	2.1	1.0	3.2	95.8
30	2.1	2.2	1.1	0.3	0.0	0.0	0.0	0.0	0.0	0.4	0.9	1.3	0.7	2.5	96.8
31	1.6	1.6	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.4	1.1	1.2	0.6	1.9	97.5
32	1.4	2.0	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.9	1.0	0.5	1.4	98.1
33	1.2	1.5	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.6	0.9	0.4	1.0	98.6
34	1.1	1.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.9	0.3	0.7	99.0
35	0.9	1.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.7	0.3	0.4	99.3
36	0.6	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.1	0.3	99.6
37	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.2	99.7
38	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	99.8
39	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	99.9
40	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	100.0
41	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
42	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
NUMBER OF READINGS	3712	3389	3714	3598	3698	3548	3639	3640	3555	3680	3518	3687	43378		

TABLE 1 (b)

STATION: - ADELAIDE AERO.

CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURES													
TEMPERATURE (C)	PERCENTAGE OF READINGS AT OR ABOVE GIVEN TEMPERATURE												
	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
1	100.0	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2	100.0	100.0	100.0	100.0	100.0	99.6	99.9	99.9	100.0	100.0	100.0	100.0	99.9
3	100.0	100.0	100.0	100.0	99.9	99.0	99.5	99.6	100.0	100.0	100.0	100.0	99.8
4	100.0	100.0	100.0	100.0	99.7	97.8	98.7	99.0	99.9	100.0	100.0	100.0	99.6
5	100.0	100.0	100.0	99.9	99.2	96.2	97.6	97.9	99.1	99.9	100.0	100.0	99.2
6	100.0	100.0	100.0	99.9	98.1	93.9	95.6	96.5	97.5	99.4	100.0	100.0	98.4
7	100.0	100.0	99.9	99.7	97.0	90.9	92.8	94.1	95.4	98.4	99.9	100.0	97.4
8	100.0	100.0	99.8	99.1	95.2	86.7	88.1	90.3	92.6	97.1	99.6	100.0	95.7
9	100.0	100.0	99.7	97.9	92.0	81.1	81.7	84.4	88.7	94.8	98.8	99.9	93.2
10	99.9	99.9	99.1	96.3	87.7	74.0	72.8	75.9	83.7	91.8	97.4	99.6	89.9
11	99.6	99.8	98.1	93.7	82.6	64.7	60.9	64.0	76.1	86.8	95.1	98.9	85.0
12	98.9	99.1	96.4	90.2	75.9	54.1	45.9	49.9	67.1	81.5	91.3	97.7	79.0
13	97.4	97.7	94.0	85.3	65.8	40.7	29.9	35.4	53.8	73.2	85.3	94.3	71.1
14	94.7	95.7	90.1	79.1	54.2	27.2	18.9	23.5	41.8	63.2	78.9	89.2	63.0
15	91.3	92.7	85.9	70.8	42.0	17.2	11.1	16.3	30.7	52.7	69.6	83.2	55.2
16	85.7	89.1	79.9	61.2	30.0	10.3	6.2	10.4	22.6	43.0	61.9	77.0	48.1
17	79.4	83.0	72.2	50.7	20.5	4.8	3.0	7.0	17.4	34.5	52.4	68.8	41.1
18	72.4	75.8	64.6	40.6	13.7	2.1	1.6	4.5	12.6	28.5	44.6	59.3	35.0
19	65.2	68.6	54.8	30.7	9.2	1.1	0.8	3.1	9.5	23.3	36.2	50.9	29.4
20	58.0	62.0	46.2	24.0	5.5	0.6	0.4	2.1	6.8	19.2	29.7	42.5	24.7
21	50.9	55.6	38.3	18.4	3.6	0.2	0.2	1.3	5.0	16.0	25.0	35.5	20.8
22	43.8	48.4	30.9	13.7	2.5	0.0	0.2	0.7	3.3	13.6	21.0	29.9	17.3
23	36.9	40.8	25.4	10.8	1.6	0.0	0.1	0.4	2.3	10.9	17.9	25.5	14.3
24	31.3	35.1	20.9	8.1	1.2	0.0	0.1	0.2	1.5	8.7	14.9	22.5	12.0
25	26.9	29.7	16.9	6.2	0.7	0.0	0.0	0.2	1.0	6.7	12.6	18.9	9.9
26	23.0	24.8	13.3	4.7	0.4	0.0	0.0	0.1	0.6	5.2	10.4	16.0	8.2
27	19.1	21.0	10.1	3.5	0.1	0.0	0.0	0.0	0.4	3.8	8.4	13.2	6.6
28	15.7	16.9	7.6	2.4	0.0	0.0	0.0	0.0	0.1	2.6	6.9	10.6	5.2
29	12.9	13.9	5.9	1.6	0.0	0.0	0.0	0.0	0.1	1.7	5.6	8.9	4.2
30	10.2	10.9	4.2	0.9	0.0	0.0	0.0	0.0	0.0	1.0	4.4	6.8	3.2
31	8.0	8.8	3.2	0.6	0.0	0.0	0.0	0.0	0.0	0.6	3.5	5.6	2.5
32	6.4	7.2	2.3	0.3	0.0	0.0	0.0	0.0	0.0	0.2	2.4	4.4	1.9
33	5.0	5.2	1.3	0.1	0.0	0.0	0.0	0.0	0.0	0.1	1.5	3.4	1.4
34	3.9	3.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	2.5	1.0
35	2.8	2.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.6	0.7
36	1.9	1.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.9	0.4
37	1.2	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.5	0.3
38	0.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.2
39	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1
40	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0
41	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NUMBER OF READINGS	3712	3389	3714	3598	3698	3548	3639	3640	3555	3680	3518	3687	43378

STATION:- ADELAIDE AERO.

TABLE 1 (c)

PERCENTAGE FREQUENCY DISTRIBUTIONS OF RELATIVE HUMIDITIES

RELATIVE HUMIDITY (%)	MONTH												YEAR	CUMULATIVE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
3-4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
5-6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
7-8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	100.0	0.0
9-10	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.1	99.9	0.0
11-12	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.3	0.1	99.8	0.1
13-14	0.6	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.6	0.7	0.2	99.6	0.2
15-16	0.7	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.3	0.7	0.9	0.3	99.4	0.4
17-18	1.3	1.2	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.7	0.9	1.4	0.5	98.9	0.6
19-20	1.1	0.8	0.8	0.2	0.1	0.0	0.0	0.1	0.1	0.5	0.9	1.1	0.5	98.4	1.1
21-22	1.2	1.4	0.9	0.4	0.1	0.0	0.0	0.1	0.1	1.0	1.4	0.8	0.6	97.8	1.6
23-24	1.6	1.6	1.1	0.8	0.3	0.0	0.0	0.1	0.5	0.7	1.2	1.5	0.8	97.0	2.2
25-26	1.6	2.0	0.9	0.9	0.3	0.0	0.0	0.1	0.3	1.3	1.1	1.1	0.8	96.2	3.0
27-28	1.6	1.6	1.3	0.8	0.3	0.0	0.0	0.3	0.6	0.9	1.4	1.6	0.9	95.4	3.8
29-30	1.8	2.0	1.6	1.4	0.2	0.0	0.1	0.4	0.6	1.1	1.1	1.2	1.0	94.4	4.6
31-35	5.0	5.8	4.2	3.1	1.3	0.2	0.3	0.9	2.0	3.3	3.5	4.8	2.9	91.5	5.6
36-40	6.0	6.5	4.9	4.3	2.4	1.0	1.0	1.6	2.8	3.6	3.8	4.5	3.5	88.0	8.5
41-45	8.6	7.8	6.7	4.7	2.7	1.2	1.9	2.4	3.7	4.6	4.9	5.9	4.6	83.4	12.0
46-50	8.8	9.9	9.0	6.5	3.9	2.4	2.5	2.4	4.7	5.8	7.2	8.5	6.0	77.4	16.6
51-55	9.4	9.4	10.1	7.9	6.1	4.3	3.2	4.3	5.4	8.2	8.7	9.7	7.2	70.2	22.6
56-60	11.1	9.7	10.6	9.1	7.4	5.7	4.6	5.5	7.6	7.8	10.9	10.8	8.4	61.8	29.8
61-65	9.2	10.0	9.5	9.1	9.5	7.3	6.1	7.6	8.6	9.0	9.6	10.3	8.8	53.0	38.2
66-70	10.2	8.4	9.5	11.1	10.4	10.1	8.5	9.1	10.5	9.1	10.1	9.6	9.7	43.3	47.0
71-72	3.3	4.0	4.2	4.8	4.4	4.4	4.4	4.5	4.3	4.5	4.3	3.8	4.2	39.0	56.7
73-74	3.3	3.0	3.9	4.2	4.4	3.9	4.9	3.5	3.7	3.6	3.2	3.7	3.8	35.3	61.0
75-76	3.2	2.9	3.4	4.7	4.5	5.1	5.7	4.3	4.6	5.2	3.2	3.3	4.2	31.1	64.7
77-78	2.6	1.9	3.5	3.6	4.9	4.8	4.8	4.3	4.5	4.0	4.3	3.0	3.8	27.2	68.9
79-80	1.7	2.4	2.4	3.6	4.1	5.0	3.8	4.1	3.9	3.1	2.0	2.4	3.2	24.0	72.8
81-82	1.4	1.7	2.8	3.6	4.4	5.7	5.3	5.4	5.1	4.1	3.2	2.2	3.7	20.3	76.0
83-84	1.7	1.1	2.4	3.7	4.0	4.6	5.4	5.3	4.3	2.8	2.7	1.5	3.3	17.0	79.7
85-86	0.9	0.9	1.3	2.7	4.1	5.4	5.3	6.3	4.3	2.8	2.0	1.7	3.2	13.8	83.0
87-88	0.7	0.8	2.0	2.9	5.6	6.4	6.2	6.5	4.6	3.6	2.4	1.5	3.6	10.2	86.2
89-90	0.5	0.6	0.7	1.6	3.6	5.3	5.4	4.6	3.9	2.5	1.1	0.8	2.5	7.7	89.8
91-92	0.2	0.6	0.8	1.6	3.5	4.7	5.3	4.4	3.6	2.1	1.1	0.5	2.4	5.3	92.3
93-94	0.1	0.5	0.6	1.6	3.6	5.7	6.5	4.6	2.4	1.9	1.1	0.4	2.4	2.9	94.7
95-96	0.2	0.4	0.3	0.5	2.1	3.6	4.6	3.3	2.1	0.8	0.3	0.1	1.5	1.4	97.1
97-98	0.0	0.2	0.1	0.2	1.4	1.8	2.6	2.1	0.8	0.7	0.1	0.1	0.8	0.5	98.6
NUMBER OF READINGS	3712	3389	3714	3598	3698	3548	3639	3640	3555	3680	3518	3687	43378		

STATION:- ADELAIDE AERO.

TABLE 1 (d)

PERCENTAGE FREQUENCY DISTRIBUTION OF ABSOLUTE HUMIDITIES

DEW POINT (C)	VAPOUR PRESSURE (mbar)	MONTH												YEAR	CUMULATIVE	
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
-7	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
-6	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	100.0	0.0
-5	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
-4	4.6	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.2	0.1	0.0	99.9	0.0
-3	4.9	0.1	0.0	0.1	0.0	0.0	0.1	0.1	0.1	0.2	0.1	0.2	0.1	0.1	99.8	0.1
-2	5.3	0.1	0.1	0.0	0.1	0.2	0.1	0.2	0.3	0.1	0.5	0.1	0.2	0.2	99.7	0.2
-1	5.7	0.1	0.1	0.1	0.2	0.5	0.5	0.2	0.5	0.6	0.4	0.6	0.2	0.3	99.3	0.3
0	6.2	0.1	0.1	0.1	0.2	0.5	1.1	0.7	0.8	0.7	0.5	0.5	0.3	0.5	98.9	0.7
1	6.7	0.4	0.3	0.2	0.4	1.2	1.9	1.8	1.4	1.3	1.1	0.7	0.7	1.0	97.9	1.1
2	7.1	0.4	0.4	0.6	1.1	2.1	3.5	3.5	3.9	2.7	2.1	1.2	1.2	1.9	96.0	2.1
3	7.7	1.0	0.8	0.9	2.1	3.9	5.9	5.1	6.2	5.9	4.0	2.4	1.5	3.3	92.7	4.0
4	8.2	1.8	1.0	2.0	3.3	6.1	8.9	8.9	8.5	9.3	6.9	5.2	3.3	5.4	87.3	7.3
5	8.7	1.7	1.4	2.5	3.7	5.8	7.0	7.6	7.6	8.1	6.1	4.3	3.4	4.9	82.4	12.7
6	9.4	4.0	3.9	5.7	7.3	11.0	12.0	12.8	12.8	13.2	11.8	9.2	6.6	9.2	73.2	17.6
7	10.0	7.4	5.5	8.5	10.0	10.5	12.5	13.4	13.6	12.6	12.6	11.6	9.9	10.7	62.5	26.8
8	10.7	11.0	9.2	10.1	13.3	13.3	12.5	14.5	15.7	13.1	13.0	13.6	11.8	12.6	49.9	37.5
9	11.5	12.7	11.5	10.2	14.0	11.5	11.2	13.5	13.8	12.5	11.0	12.8	11.8	12.2	37.7	50.1
10	12.3	8.5	8.0	7.7	8.0	7.8	6.9	7.3	7.0	7.8	7.9	8.2	7.7	7.7	30.0	62.3
11	13.1	12.3	12.5	12.2	11.8	9.8	9.1	6.8	5.5	6.6	8.4	9.6	10.9	9.6	20.4	70.0
12	14.0	11.4	9.6	11.9	9.2	6.9	5.0	3.0	1.9	3.4	6.2	8.0	9.2	7.2	12.2	79.6
13	15.0	8.1	10.5	10.0	6.6	4.3	1.5	0.5	0.4	1.4	3.5	5.3	7.2	4.9	8.3	86.8
14	16.0	5.5	8.5	6.3	4.9	2.7	0.4	0.0	0.1	0.4	1.9	2.9	5.3	3.2	5.0	91.7
15	17.1	3.2	4.4	3.8	2.2	1.2	0.0	0.0	0.0	0.2	0.8	1.3	3.5	1.7	3.3	95.0
16	18.2	3.3	4.5	3.4	1.1	0.6	0.0	0.0	0.0	0.1	0.6	1.2	2.2	1.4	1.9	96.7
17	19.4	2.4	4.0	2.3	0.5	0.2	0.0	0.0	0.0	0.1	0.2	0.7	1.7	1.0	0.9	98.1
18	20.6	2.1	1.9	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.5	0.5	0.5	99.1
19	22.0	1.6	1.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.3	0.1	99.5
20	23.4	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	99.9
21	24.9	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9
22	26.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
NUMBER OF READINGS		3712	3389	3714	3598	3698	3548	3639	3640	3555	3680	3518	3687	43378		

NUMBER OF DEW POINTS GREATER THAN 38C 0  
NUMBER OF DEW POINTS LESS THAN -15C 0

STATION:- ADELAIDE AERO.

TABLE 1 (e)

DOUBLE CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION FOR TEMPERATURE AND RELATIVE HUMIDITY

TEMPERATURE (C)	PERCENTAGE OF READINGS AT OR ABOVE GIVEN CONDITIONS																NUMBER OF READINGS
	RELATIVE HUMIDITY (%)																
	0	5	10	15	20	25	30	40	50	60	70	75	80	85	90	95	
1	100.0	100.0	99.9	99.5	98.4	96.6	94.4	88.0	77.4	61.8	43.3	33.4	24.0	15.5	7.7	1.9	19
2	99.9	99.9	99.9	99.5	98.3	96.6	94.2	88.0	77.4	61.7	43.2	33.3	24.0	15.5	7.6	1.9	51
3	99.8	99.8	99.7	99.4	98.2	96.5	94.2	87.8	77.3	61.6	43.1	33.2	23.9	15.4	7.6	1.8	102
4	99.6	99.6	99.5	99.1	98.0	96.2	94.0	87.6	77.0	61.4	42.9	33.0	23.6	15.2	7.4	1.8	189
5	99.2	99.2	99.1	98.7	97.6	95.8	93.6	87.2	76.6	61.0	42.4	32.6	23.2	14.8	7.2	1.8	325
6	98.4	98.4	98.3	97.9	96.8	95.0	92.8	86.4	75.9	60.2	41.7	31.8	22.6	14.3	6.9	1.7	459
7	97.4	97.3	97.2	96.9	95.8	94.0	91.7	85.4	74.8	59.1	40.7	30.9	21.7	13.6	6.5	1.6	712
8	95.7	95.7	95.6	95.2	94.1	92.3	90.1	83.7	73.2	57.5	39.1	29.4	20.5	12.7	5.8	1.4	1072
9	93.2	93.2	93.2	92.8	91.6	89.9	87.6	81.2	70.7	55.1	36.9	27.4	18.8	11.4	5.1	1.2	1468
10	89.9	89.8	89.8	89.4	88.3	86.5	84.2	77.9	67.3	51.8	33.9	24.8	16.7	9.9	4.3	1.0	2097
11	85.0	85.0	84.9	84.5	83.4	81.6	79.4	73.0	62.5	47.1	30.0	21.4	14.1	8.2	3.4	0.7	2614
12	79.0	79.0	78.9	78.5	77.4	75.6	73.4	67.0	56.6	41.5	25.4	17.6	11.1	6.2	2.6	0.5	3435
13	71.1	71.1	71.0	70.6	69.5	67.7	65.5	59.1	48.8	34.3	19.8	13.4	8.1	4.4	1.6	0.3	3885
14	63.0	63.0	63.0	62.6	61.4	59.7	57.4	51.1	41.0	27.5	14.9	9.6	5.6	2.8	1.0	0.2	3360
15	55.3	55.3	55.2	54.8	53.7	51.9	49.7	43.4	33.7	21.4	10.9	6.8	3.6	1.8	0.7	0.1	3133
16	48.1	48.1	48.0	47.6	46.5	44.7	42.5	36.2	27.0	16.2	8.0	4.7	2.5	1.2	0.5	0.1	3035
17	41.1	41.1	41.0	40.6	39.5	37.7	35.5	29.4	20.9	11.8	5.4	3.0	1.6	0.8	0.3	0.1	2646
18	35.0	35.0	34.9	34.5	33.4	31.6	29.4	23.6	15.8	8.4	3.6	2.0	1.0	0.5	0.2	0.0	2420
19	29.4	29.4	29.3	28.9	27.8	26.0	23.9	18.3	11.5	5.6	2.3	1.2	0.6	0.3	0.1	0.0	2043
20	24.7	24.7	24.6	24.2	23.1	21.3	19.2	14.0	8.2	3.7	1.4	0.8	0.4	0.2	0.1	0.0	1707
21	20.8	20.7	20.7	20.3	19.2	17.4	15.4	10.5	5.8	2.4	0.9	0.4	0.2	0.1	0.0	0.0	1519
22	17.3	17.2	17.2	16.8	15.7	14.0	12.0	7.6	3.8	1.5	0.5	0.2	0.1	0.0	0.0	0.0	1270
23	14.3	14.3	14.2	13.9	12.7	11.1	9.2	5.3	2.4	0.9	0.3	0.1	0.0	0.0	0.0	0.0	1013
24	12.0	12.0	11.9	11.5	10.4	8.9	7.1	3.8	1.5	0.5	0.1	0.0	0.0	0.0	0.0	0.0	886
25	9.9	9.9	9.9	9.5	8.4	6.9	5.3	2.5	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	768
26	8.2	8.2	8.1	7.7	6.7	5.3	3.9	1.6	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	681
27	6.6	6.6	6.5	6.2	5.1	3.9	2.7	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	605
28	5.2	5.2	5.1	4.8	3.8	2.8	1.8	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	447
29	4.2	4.2	4.1	3.8	2.9	2.1	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	433
30	3.2	3.2	3.1	2.8	2.0	1.3	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	296
31	2.5	2.5	2.4	2.1	1.5	0.9	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	253
32	1.9	1.9	1.8	1.6	1.0	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	237
33	1.4	1.4	1.3	1.1	0.6	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	170
34	1.0	1.0	0.9	0.7	0.4	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	136
35	0.7	0.7	0.6	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	112
36	0.4	0.4	0.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65
37	0.3	0.3	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40
38	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34
39	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19
40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10
41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6
42	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
43	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
NUMBER OF READINGS	2	34	168	489	771	968	2769	4581	6790	8038	4293	4055	3687	3409	2505	819	43378

TABLE 2

STATION:- ALICE SPRINGS AERO.

BUREAU OF METEOROLOGY NUMBER:- 15002

LATITUDE:- 23 49 E

LONGITUDE:- 133 53 S

ELEVATION:- 545m AMSL

PERIOD OF RECORD:- 1/ 1/1962 TO 31/12/1976

TABLE OF MISSING READINGS

TIME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0000	124	116	151	132	159	121	134	130	130	132	90	97	1516
0300	3	2	2	3	37	3	13	6	14	5	1	0	89
0600	1	3	2	2	37	13	26	9	11	4	0	1	109
0900	0	0	0	1	3	3	5	3	7	2	1	0	25
1200	0	1	1	0	33	0	1	1	1	4	2	1	45
1500	0	0	0	5	33	1	3	5	3	6	11	2	69
1800	0	4	1	2	32	0	6	0	1	3	4	1	54
2100	2	1	1	1	32	1	34	18	10	3	2	1	106
TOTAL	130	127	158	146	366	142	222	172	177	159	111	103	2013

STATION:- ALICE SPRINGS AERO.

TABLE 2 (a)

## PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURES

TEMPERATURE (C)	MONTH												YEAR	CUMULATIVE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
-6	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
-5	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
-4	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
-3	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	99.9	0.0
-2	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.1	0.0	0.0	0.0	0.0	0.1	99.8	0.1
-1	0.0	0.0	0.0	0.0	0.1	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	99.8	0.2
0	0.0	0.0	0.0	0.0	0.3	0.7	0.4	0.3	0.0	0.0	0.0	0.0	0.1	99.7	0.3
1	0.0	0.0	0.0	0.0	0.4	1.8	2.1	0.9	0.0	0.0	0.0	0.0	0.4	99.2	0.3
2	0.0	0.0	0.0	0.1	0.8	1.9	2.0	1.4	0.2	0.0	0.0	0.0	0.5	98.7	0.6
3	0.0	0.0	0.0	0.1	0.5	2.6	3.4	1.9	0.2	0.0	0.0	0.0	0.7	98.0	1.3
4	0.0	0.0	0.0	0.1	1.0	3.1	3.6	1.8	0.6	0.0	0.0	0.0	0.9	97.1	2.0
5	0.0	0.0	0.0	0.0	1.4	2.4	3.4	2.2	0.7	0.1	0.0	0.0	0.8	96.3	2.9
6	0.0	0.0	0.0	0.3	2.0	3.6	4.6	3.1	1.3	0.1	0.1	0.0	1.2	95.0	3.7
7	0.0	0.0	0.0	0.7	2.7	4.7	4.4	3.9	2.1	0.4	0.0	0.0	1.6	93.5	5.0
8	0.0	0.0	0.0	0.9	3.6	4.2	5.4	4.3	2.2	0.7	0.1	0.0	1.8	91.7	6.5
9	0.0	0.0	0.2	1.5	4.0	5.9	5.1	4.2	2.5	1.1	0.2	0.0	2.0	89.7	8.3
10	0.0	0.0	0.1	1.3	3.4	3.8	4.3	3.8	2.2	1.4	0.2	0.0	1.7	87.9	10.3
11	0.1	0.0	0.2	2.0	5.8	5.1	5.1	4.5	3.5	1.4	0.5	0.2	2.3	85.6	12.1
12	0.1	0.0	0.4	3.4	5.9	6.5	6.4	6.0	4.2	2.1	0.8	0.1	3.0	82.6	14.4
13	0.3	0.1	0.9	3.2	5.3	5.8	5.1	6.0	4.4	2.0	0.9	0.4	2.9	79.8	17.4
14	0.4	0.4	1.4	4.1	6.6	7.1	6.9	5.8	5.2	2.9	1.6	0.8	3.6	76.2	20.2
15	0.4	0.4	1.5	3.8	4.0	5.5	5.0	5.1	3.6	2.9	1.5	0.7	2.9	73.4	23.6
16	0.6	0.9	1.9	5.2	7.0	6.3	5.7	6.2	5.5	3.5	3.0	1.6	3.9	69.4	26.6
17	1.0	1.4	2.8	4.9	6.5	5.3	5.0	5.7	6.1	4.3	3.0	1.5	4.0	65.5	30.6
18	1.8	2.0	3.5	6.3	5.9	5.4	3.4	5.0	4.8	5.3	3.4	2.6	4.1	61.4	34.5
19	1.9	2.0	4.8	5.8	5.8	4.0	3.9	4.8	6.0	5.0	4.1	2.8	4.2	57.1	38.6
20	1.9	3.5	3.7	4.4	4.3	2.6	2.8	3.1	4.8	4.5	3.7	2.5	3.5	53.7	42.9
21	3.9	4.5	6.4	7.1	4.3	3.1	2.7	3.5	5.4	5.4	4.6	3.6	4.5	49.1	46.3
22	3.9	5.3	5.8	5.7	3.8	2.2	2.4	3.3	4.9	5.0	4.9	4.6	4.2	44.8	50.9
23	4.2	6.1	6.8	5.4	3.2	2.0	1.7	2.3	4.1	5.4	6.2	5.3	4.4	40.4	55.2
24	5.1	5.4	6.8	5.1	3.1	1.3	1.7	2.8	4.5	5.2	5.4	4.9	4.3	36.1	59.6
25	3.6	5.3	4.5	3.1	2.1	0.9	0.9	1.8	3.2	4.3	4.1	4.5	3.2	32.9	63.9
26	5.5	6.0	5.9	5.0	2.8	1.0	0.9	2.1	3.5	5.0	6.2	5.8	4.1	28.8	67.1
27	5.6	6.2	5.9	4.5	1.6	0.4	0.5	1.3	2.8	4.6	5.7	6.5	3.8	25.0	71.2
28	6.5	5.9	5.2	4.4	1.1	0.1	0.3	1.3	3.3	5.0	5.4	5.8	3.7	21.3	75.0
29	6.3	5.5	5.9	3.0	0.5	0.0	0.1	0.6	2.6	3.8	4.7	5.5	3.2	18.1	78.7
30	4.8	5.2	4.3	2.1	0.3	0.0	0.0	0.3	1.6	2.8	4.2	4.4	2.5	15.6	81.9
31	4.9	5.4	4.8	1.9	0.1	0.0	0.0	0.2	1.7	3.0	4.2	5.8	2.7	12.9	84.4
32	6.5	5.4	4.5	2.1	0.0	0.0	0.0	0.1	1.4	4.0	4.6	5.3	2.8	10.0	87.1
33	5.1	4.5	4.4	1.3	0.0	0.0	0.0	0.0	0.8	2.2	3.7	5.5	2.3	7.7	90.0
34	5.1	4.3	2.7	0.7	0.0	0.0	0.0	0.0	0.2	2.7	3.7	4.3	2.0	5.7	92.3
35	3.8	3.5	1.6	0.2	0.0	0.0	0.0	0.0	0.1	1.4	2.8	3.1	1.4	4.3	94.3
36	4.2	3.8	1.3	0.1	0.0	0.0	0.0	0.0	0.0	1.6	2.7	4.3	1.5	2.8	95.7
37	4.0	3.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.5	2.5	1.1	1.8	97.2
38	3.2	2.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.3	2.6	0.8	0.9	98.2
39	3.0	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.8	0.6	0.3	99.1
40	0.9	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.2	0.2	99.7
41	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.1	99.8
42	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	99.9
NUMBER OF READINGS	3342	3041	3314	3214	3105	3211	3248	3296	3183	3313	3249	3369	38885		

STATION:- ALICE SPRINGS AERO.

TABLE 2 (b)

CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURES

TEMPERATURE (C)	PERCENTAGE OF READINGS AT OR ABOVE GIVEN TEMPERATURE												YEAR
	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
-6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
-5	100.0	100.0	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0
-4	100.0	100.0	100.0	100.0	100.0	100.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0
-3	100.0	100.0	100.0	100.0	100.0	99.8	99.7	100.0	100.0	100.0	100.0	100.0	100.0
-2	100.0	100.0	100.0	100.0	100.0	99.6	99.5	99.8	100.0	100.0	100.0	100.0	99.9
-1	100.0	100.0	100.0	100.0	99.9	99.3	99.2	99.7	100.0	100.0	100.0	100.0	99.8
0	100.0	100.0	100.0	100.0	99.8	99.0	99.2	99.6	100.0	100.0	100.0	100.0	99.8
1	100.0	100.0	100.0	100.0	99.6	98.3	98.7	99.3	100.0	100.0	100.0	100.0	99.7
2	100.0	100.0	100.0	100.0	99.2	96.5	96.7	98.4	99.9	100.0	100.0	100.0	99.2
3	100.0	100.0	100.0	99.9	98.5	94.6	94.6	97.0	99.8	100.0	100.0	100.0	98.7
4	100.0	100.0	100.0	99.9	97.9	92.0	91.3	95.1	99.6	100.0	100.0	100.0	98.0
5	100.0	100.0	100.0	99.8	96.9	88.9	87.7	93.3	99.0	100.0	100.0	100.0	97.1
6	100.0	100.0	100.0	99.7	95.5	86.5	84.3	91.0	98.3	99.8	100.0	100.0	96.3
7	100.0	100.0	100.0	99.4	93.5	82.9	79.7	87.9	97.0	99.7	99.9	100.0	95.0
8	100.0	100.0	100.0	98.8	90.8	78.2	75.2	84.1	94.9	99.4	99.9	100.0	93.5
9	100.0	100.0	99.9	97.8	87.2	74.1	69.8	79.8	92.7	98.7	99.8	100.0	91.7
10	100.0	100.0	99.8	96.3	83.2	68.2	64.7	75.6	90.3	97.6	99.7	100.0	89.7
11	100.0	100.0	99.7	95.0	79.8	64.4	60.4	71.8	88.0	96.2	99.4	100.0	87.9
12	99.9	100.0	99.5	93.0	73.9	59.3	55.3	67.4	84.6	94.8	98.9	99.8	85.6
13	99.8	100.0	99.1	89.6	68.1	52.8	48.9	61.2	80.4	92.7	98.1	99.7	82.6
14	99.5	99.9	98.2	86.4	62.8	47.0	43.8	55.3	76.0	90.7	97.3	99.3	79.8
15	99.1	99.5	96.9	82.3	56.2	39.9	36.9	49.5	70.8	87.8	95.7	98.5	76.2
16	98.7	99.1	95.4	78.5	52.2	34.4	31.9	44.4	67.2	84.8	94.2	97.8	73.4
17	98.0	98.2	93.4	73.3	45.2	28.1	26.2	38.3	61.7	81.4	91.2	96.2	69.4
18	97.0	96.8	90.6	68.4	38.7	22.9	21.2	32.6	55.6	77.1	88.1	94.6	65.5
19	95.2	94.9	87.1	62.0	32.9	17.5	17.7	27.6	50.8	71.8	84.7	92.0	61.4
20	93.2	92.9	82.2	56.2	27.1	13.5	13.9	22.8	44.8	66.9	80.6	89.2	57.1
21	91.3	89.4	78.5	51.7	22.9	10.9	11.1	19.7	40.0	62.4	76.9	86.7	53.7
22	87.4	84.9	72.1	44.6	18.6	7.8	8.3	16.1	34.6	57.0	72.2	82.1	49.1
23	83.5	79.7	66.3	39.0	14.8	5.6	6.0	12.8	29.7	51.9	67.4	78.6	44.8
24	79.3	73.5	59.5	33.5	11.7	3.7	4.3	10.5	25.6	46.5	61.3	73.2	40.4
25	74.2	68.2	52.7	28.4	8.6	2.4	2.6	7.6	21.1	41.4	55.9	68.4	36.1
26	70.6	62.8	48.2	25.3	6.5	1.5	1.8	5.9	17.9	37.1	51.8	63.8	32.9
27	65.1	56.9	42.4	20.3	3.7	0.5	0.8	3.8	14.4	32.1	45.6	58.1	28.8
28	59.5	50.6	36.5	15.8	2.1	0.1	0.4	2.5	11.6	27.4	39.9	51.6	25.0
29	53.0	44.8	31.2	11.4	1.0	0.0	0.1	1.2	8.4	22.4	34.5	45.8	21.3
30	46.7	39.3	25.3	8.3	0.5	0.0	0.0	0.6	5.8	18.6	29.7	40.3	18.1
31	42.0	34.1	21.0	6.3	0.2	0.0	0.0	0.3	4.2	15.8	25.5	35.9	15.6
32	37.0	28.7	16.3	4.4	0.0	0.0	0.0	0.1	2.5	12.8	21.2	30.2	12.9
33	30.5	23.4	11.8	2.3	0.0	0.0	0.0	0.0	1.2	8.2	16.6	24.9	10.0
34	25.4	18.8	7.3	1.0	0.0	0.0	0.0	0.0	0.3	6.5	12.9	19.4	7.7
35	20.2	14.5	4.6	0.3	0.0	0.0	0.0	0.0	0.1	3.8	9.3	15.1	5.7
36	16.4	11.0	3.0	0.1	0.0	0.0	0.0	0.0	0.0	2.4	6.4	12.0	4.2
37	12.2	7.2	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.8	3.7	7.7	2.8
38	8.2	4.2	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.1	2.2	5.2	1.8
39	5.0	1.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	2.6	0.9
40	2.0	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.8	0.3
41	1.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.2
42	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
43	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NUMBER OF READINGS	2342	3041	3314	3214	3105	3211	3248	3296	3183	3313	3249	3369	38885

STATION: - ALICE SPRINGS AERO.

TABLE 2 (c)

PERCENTAGE FREQUENCY DISTRIBUTIONS OF RELATIVE HUMIDITIES

RELATIVE HUMIDITY (%)	MONTH												YEAR	CUMULATIVE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
3-4	0.2	0.4	0.2	0.1	0.0	0.0	0.0	0.2	0.1	0.2	0.2	0.2	0.2	99.8	0.0
5-6	0.9	1.2	0.5	0.2	0.0	0.0	0.1	0.2	0.6	1.0	1.3	1.3	0.6	99.2	0.2
7-8	2.3	2.2	0.6	0.2	0.0	0.0	0.1	0.7	0.8	2.0	1.9	2.6	1.1	98.1	0.8
9-10	4.6	3.1	1.1	0.9	0.2	0.0	0.1	1.0	1.8	3.3	3.6	5.4	2.1	95.9	1.9
11-12	6.3	3.8	1.5	0.9	0.3	0.2	0.5	1.5	2.0	4.7	5.0	6.6	2.8	93.1	4.1
13-14	7.1	6.0	2.3	1.6	0.5	0.1	0.7	2.2	4.5	6.2	7.0	8.7	3.9	89.2	6.9
15-16	6.3	5.1	3.1	3.4	0.9	0.4	1.2	2.4	4.7	6.8	6.5	7.6	4.1	85.1	10.8
17-18	6.6	5.0	3.8	3.4	1.4	0.6	1.5	2.2	5.2	5.6	6.2	6.0	4.0	81.1	14.9
19-20	5.8	5.9	5.3	4.2	2.2	1.1	1.6	3.1	4.7	5.8	6.5	6.1	4.4	76.8	18.9
21-22	5.4	5.4	4.3	5.0	2.5	1.9	2.3	3.2	5.2	6.2	5.7	5.5	4.4	72.4	23.2
23-24	4.9	5.3	4.7	4.6	2.3	1.7	2.8	3.6	3.8	5.1	4.7	5.5	4.1	68.3	27.6
25-26	4.2	3.8	4.5	5.2	3.1	1.9	3.1	3.8	4.3	4.9	4.4	4.2	4.0	64.3	31.7
27-28	3.4	3.6	4.0	5.4	3.5	2.2	3.0	3.8	4.5	3.7	4.9	3.6	3.8	60.5	35.7
29-30	3.1	3.4	4.6	4.2	3.3	2.5	3.5	4.0	4.0	3.8	3.3	3.7	3.6	56.9	39.5
31-35	6.9	7.3	11.1	10.4	9.0	8.1	7.3	8.7	9.2	8.0	7.7	7.9	8.5	48.5	43.1
36-40	5.1	5.5	9.5	9.8	8.2	8.1	8.6	8.3	8.5	5.8	6.0	5.2	7.4	41.1	51.5
41-45	3.8	3.7	6.6	7.7	8.3	7.8	8.3	8.3	5.8	4.6	4.2	3.1	6.0	35.1	58.9
46-50	3.4	3.4	6.3	7.4	8.3	8.8	7.2	6.5	5.1	3.4	4.2	3.0	5.6	29.5	64.9
51-55	2.3	2.9	4.4	4.6	7.5	8.0	7.2	4.8	4.4	3.0	2.7	2.2	4.5	25.0	70.5
56-60	2.3	2.8	3.8	4.4	7.2	7.0	6.9	4.9	3.8	2.6	2.6	1.9	4.2	20.9	75.0
61-65	2.3	2.6	3.7	3.2	6.1	6.1	5.6	4.4	3.1	1.9	2.2	1.3	3.5	17.4	79.1
66-70	2.2	2.3	2.8	2.5	5.4	6.7	5.6	4.3	3.1	2.1	1.9	1.7	3.4	14.0	82.6
71-72	0.7	0.8	1.4	1.1	1.9	2.3	2.6	1.2	1.1	0.9	0.7	0.5	1.3	12.7	86.0
73-74	0.5	1.2	1.0	0.8	1.6	2.1	1.7	1.2	0.9	0.6	0.7	0.7	1.1	11.6	87.3
75-76	0.8	0.9	0.8	0.8	2.2	2.0	1.8	1.6	1.0	0.6	0.7	0.4	1.1	10.5	88.4
77-78	0.8	1.3	0.9	0.8	1.6	2.1	1.5	1.1	0.9	0.8	0.8	0.6	1.1	9.4	89.5
79-80	0.4	0.9	0.6	0.7	1.5	2.0	1.6	1.3	0.7	0.6	0.4	0.5	0.9	8.5	90.6
81-82	0.6	1.1	0.7	1.1	1.4	2.2	1.9	1.3	0.9	0.7	0.6	0.5	1.1	7.4	91.5
83-84	0.6	1.3	0.7	0.9	1.2	1.8	1.3	0.9	0.5	0.6	0.6	0.3	0.9	6.5	92.6
85-86	0.3	0.8	0.8	0.6	1.1	2.0	1.2	1.1	0.6	0.5	0.3	0.4	0.8	5.7	93.5
87-88	0.7	0.9	0.6	0.8	1.2	1.6	2.1	1.6	1.4	0.8	0.5	0.3	1.1	4.7	94.2
89-90	0.7	1.0	0.6	0.8	1.3	1.1	0.9	0.7	0.5	0.5	0.2	0.4	0.7	4.0	95.2
91-92	1.0	0.9	0.5	0.5	1.1	1.4	1.3	0.9	0.6	0.6	0.3	0.2	0.8	3.2	96.0
93-94	0.7	1.2	0.8	0.7	1.2	1.7	1.1	1.5	0.7	0.9	0.5	0.7	1.0	2.2	96.8
95-96	1.2	1.6	0.7	0.5	0.9	0.8	0.9	0.6	0.4	0.4	0.4	0.5	0.7	1.5	97.8
97-98	1.0	0.8	0.7	0.3	0.3	0.6	0.7	0.9	0.2	0.2	0.1	0.1	0.5	1.0	98.5
NUMBER OF READINGS	3340	3041	3312	3214	3106	3217	3245	3293	3182	3311	3248	3369	32878		

STATION: - ALICE SPRINGS AERO.

TABLE 2 (d)

## PERCENTAGE FREQUENCY DISTRIBUTION OF ABSOLUTE HUMIDITIES

DEW POINT (C)	VAPOUR PRESSURE (mbar)	MONTH												YEAR	CUMULATIVE	
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
-14	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.0	0.0	100.0	0.0
-13	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	100.0	0.0
-12	2.5	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.1	0.0	0.1	99.9	0.0
-11	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.1	0.1	0.0	0.1	99.8	0.1
-10	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.2	0.1	0.2	0.0	0.1	99.7	0.2
-9	3.1	0.2	0.3	0.2	0.1	0.1	0.1	0.6	1.7	1.0	1.5	0.7	0.4	0.6	99.2	0.3
-8	3.3	0.2	0.2	0.2	0.4	0.2	0.4	1.3	2.1	1.9	1.2	0.6	0.5	0.8	98.4	0.8
-7	3.6	0.3	0.5	0.2	0.5	0.3	0.4	1.8	1.9	1.9	2.2	0.7	0.5	1.0	97.4	1.6
-6	3.9	0.3	0.7	0.4	0.7	0.5	1.2	2.8	2.4	2.7	2.2	1.6	0.9	1.4	96.1	2.6
-5	4.3	0.3	0.7	0.2	0.3	0.6	0.9	1.7	1.3	2.1	1.7	1.1	1.1	1.0	95.0	3.9
-4	4.6	0.8	1.7	0.5	1.0	1.6	2.5	5.1	4.8	3.9	3.1	1.7	1.7	2.4	92.7	5.0
-3	4.9	1.4	1.4	1.3	1.9	2.0	3.7	6.2	5.4	5.4	4.4	2.4	2.7	3.2	89.4	7.3
-2	5.2	1.6	1.7	1.4	2.7	2.2	4.5	6.9	6.2	5.1	4.4	2.9	2.9	3.6	85.9	10.6
-1	5.7	2.5	2.7	1.9	4.3	3.6	5.3	7.9	6.2	6.0	5.2	4.3	2.8	4.4	81.4	14.1
0	6.2	3.5	3.3	1.2	5.1	7.0	6.5	6.7	7.6	8.3	5.9	4.6	3.9	5.3	76.1	18.6
1	6.7	4.5	3.8	3.1	6.8	9.4	11.3	10.1	9.0	9.4	6.5	4.8	5.1	7.1	69.0	23.9
2	7.1	5.8	4.2	4.7	10.2	14.3	15.4	12.7	11.4	11.1	9.1	7.7	8.3	9.7	59.2	31.0
3	7.7	3.6	3.9	3.7	8.1	6.8	6.5	4.0	3.7	4.1	3.5	4.0	4.4	4.7	54.6	40.7
4	8.2	5.4	4.4	5.0	9.7	9.7	8.1	6.7	7.3	7.4	6.6	6.3	6.0	6.9	47.7	45.4
5	8.7	5.0	3.2	4.0	8.3	8.3	6.8	7.1	8.6	7.2	7.0	6.0	6.2	6.5	41.2	52.3
6	9.4	4.7	4.4	5.8	7.7	7.6	5.6	4.7	5.3	3.8	4.9	6.3	6.1	5.6	35.6	58.8
7	10.0	3.8	3.8	5.8	4.4	4.0	3.5	1.6	1.9	1.9	2.2	3.4	2.5	3.2	32.3	64.4
8	10.7	5.5	5.1	6.9	4.4	4.9	3.9	2.6	2.7	2.9	3.8	6.6	5.2	4.5	27.8	67.7
9	11.5	4.4	5.3	9.2	4.8	4.2	3.2	2.2	2.3	2.2	3.4	4.8	5.1	4.3	23.6	72.2
10	12.3	3.0	3.0	6.3	2.9	2.6	1.7	2.1	2.0	1.5	2.8	3.9	3.5	2.9	20.6	76.4
11	13.1	3.4	4.0	7.8	2.9	2.3	2.8	1.9	1.6	1.9	3.2	4.2	4.1	3.3	17.3	79.4
12	14.0	4.9	5.4	7.8	3.4	2.5	2.8	1.6	1.8	3.3	4.7	5.0	5.2	4.0	13.3	82.7
13	15.0	2.2	2.4	2.9	1.1	0.6	0.9	0.2	0.3	0.6	0.7	2.2	2.0	1.3	12.0	86.7
14	16.0	3.8	4.2	4.2	1.8	1.2	1.1	0.6	0.7	1.4	2.6	3.7	3.0	2.3	9.7	88.0
15	17.1	4.4	5.5	3.2	1.7	1.3	0.7	0.3	0.4	2.0	3.6	3.4	3.7	2.4	7.2	90.3
16	18.2	3.5	3.9	2.7	1.4	1.2	0.2	0.1	0.2	0.3	1.5	2.8	2.7	1.6	5.6	92.8
17	19.4	2.1	1.6	2.1	1.0	0.7	0.0	0.0	0.0	0.2	0.3	1.5	1.5	0.9	4.7	94.4
18	20.6	4.9	4.0	2.3	0.9	0.3	0.0	0.0	0.1	0.2	0.8	1.2	3.0	1.4	3.3	95.3
19	22.0	3.1	3.3	1.8	0.8	0.0	0.0	0.0	0.0	0.0	0.2	0.8	2.3	1.0	2.3	96.7
20	23.4	2.1	3.5	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.7	0.6	1.7	97.7
21	24.9	2.8	3.9	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.9	0.7	0.9	98.3
22	26.4	5.0	3.8	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.7	0.8	0.1	99.1
23	28.1	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	99.9
24	29.8	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
NUMBER OF READINGS		2865	2824	3312	3214	3106	3217	3245	3107	3182	2900	2829	2746	36547		

NUMBER OF DEW POINTS GREATER THAN 38C 0  
NUMBER OF DEW POINTS LESS THAN -15C 21

STATION:- ALICE SPRINGS AERO.

TABLE 2 (e)

## DOUBLE CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION FOR TEMPERATURE AND RELATIVE HUMIDITY

TEMPERATURE (C)	PERCENTAGE OF READINGS AT OR ABOVE GIVEN CONDITIONS																NUMBER OF READINGS
	RELATIVE HUMIDITY (%)																
	0	5	10	15	20	25	30	40	50	60	70	75	80	85	90	95	
-6	100.0	99.5	95.9	87.1	76.7	66.3	56.9	41.0	29.5	20.8	13.9	11.1	8.5	6.1	3.9	1.7	2
-5	100.0	99.5	95.9	87.1	76.7	66.3	56.9	41.0	29.5	20.8	13.9	11.0	8.4	6.1	3.9	1.7	3
-4	100.0	99.5	95.9	87.1	76.7	66.3	56.9	41.0	29.5	20.8	13.9	11.0	8.4	6.1	3.9	1.7	10
-3	100.0	99.5	95.9	87.1	76.7	66.3	56.8	41.0	29.4	20.8	13.9	11.0	8.4	6.1	3.9	1.7	18
-2	99.9	99.4	95.8	87.0	76.6	66.2	56.8	41.0	29.4	20.8	13.9	11.0	8.4	6.0	3.8	1.6	25
-1	99.8	99.4	95.8	86.9	76.6	66.2	56.7	40.9	29.3	20.7	13.8	10.9	8.3	6.0	3.8	1.6	18
0	99.8	99.3	95.7	86.9	76.5	66.1	56.7	40.8	29.3	20.7	13.8	10.9	8.3	6.0	3.8	1.6	57
1	99.7	99.2	95.6	86.8	76.4	66.0	56.5	40.7	29.2	20.5	13.7	10.8	8.2	5.9	3.7	1.5	163
2	99.2	98.7	95.1	86.3	76.0	65.5	56.1	40.3	28.7	20.2	13.3	10.5	7.9	5.6	3.5	1.3	203
3	98.7	98.2	94.6	85.8	75.4	65.0	55.6	39.8	28.2	19.7	13.0	10.1	7.6	5.4	3.3	1.2	284
4	98.0	97.5	93.9	85.1	74.7	64.3	54.9	39.0	27.6	19.1	12.5	9.8	7.3	5.2	3.2	1.1	333
5	97.1	96.6	93.0	84.2	73.9	63.4	54.0	38.2	26.8	18.4	12.0	9.3	7.0	5.0	3.0	1.1	330
6	96.3	95.8	92.2	83.4	73.0	62.6	53.2	37.4	26.0	17.8	11.5	9.0	6.8	4.8	3.0	1.0	486
7	95.0	94.5	90.9	82.1	71.8	61.3	51.9	36.2	24.9	17.0	11.0	8.7	6.6	4.7	2.9	1.0	606
8	93.5	93.0	89.4	80.6	70.2	59.8	50.4	34.7	23.7	16.0	10.5	8.3	6.3	4.5	2.8	1.0	689
9	91.7	91.2	87.6	78.8	68.4	58.0	48.6	33.1	22.3	15.0	9.9	7.8	5.9	4.3	2.7	1.0	788
10	89.7	89.2	85.6	76.8	66.4	56.0	46.7	31.3	20.9	14.1	9.3	7.4	5.7	4.1	2.6	1.0	670
11	87.9	87.4	83.8	75.0	64.7	54.3	45.0	29.8	19.8	13.3	8.8	7.1	5.5	4.0	2.5	0.9	907
12	85.6	85.1	81.5	72.7	62.4	52.0	42.8	27.8	18.3	12.3	8.2	6.6	5.1	3.7	2.3	0.9	1156
13	82.6	82.1	78.5	69.7	59.4	49.1	40.0	25.4	16.7	11.2	7.5	6.0	4.6	3.4	2.1	0.8	1109
14	79.8	79.3	75.7	66.9	56.6	46.3	37.4	23.3	15.3	10.3	6.9	5.5	4.3	3.1	1.9	0.8	1287
15	76.2	75.7	72.1	63.3	53.1	42.9	34.1	21.0	13.8	9.4	6.2	5.0	3.8	2.8	1.8	0.7	1113
16	73.4	72.9	69.3	60.5	50.2	40.2	31.7	19.2	12.6	8.6	5.7	4.6	3.5	2.6	1.6	0.7	1527
17	69.4	68.9	65.4	56.6	46.4	36.6	28.4	17.1	11.2	7.5	5.0	4.0	3.1	2.2	1.4	0.6	1538
18	65.5	65.0	61.4	52.7	42.7	33.1	25.3	15.2	9.9	6.7	4.4	3.5	2.7	1.9	1.3	0.5	1600
19	61.4	60.9	57.3	48.6	38.8	29.6	22.4	13.3	8.7	5.8	3.8	3.0	2.2	1.6	1.1	0.5	1648
20	57.1	56.6	53.1	44.5	34.9	26.1	19.5	11.5	7.5	4.9	3.2	2.5	1.9	1.4	0.9	0.4	1348
21	53.7	53.2	49.6	41.1	31.7	23.3	17.4	10.1	6.4	4.2	2.6	2.1	1.6	1.1	0.8	0.3	1763
22	49.1	48.6	45.1	36.8	27.7	20.1	14.8	8.4	5.2	3.4	2.0	1.6	1.2	0.8	0.6	0.2	1673
23	44.8	44.3	40.8	32.7	24.1	17.2	12.6	6.9	4.2	2.6	1.5	1.1	0.8	0.5	0.3	0.1	1713
24	40.4	39.9	36.5	28.6	20.2	14.5	10.4	5.4	3.1	1.8	0.9	0.6	0.4	0.2	0.1	0.0	1660
25	36.1	35.7	32.3	24.7	17.1	11.9	8.4	4.1	2.2	1.2	0.5	0.3	0.2	0.1	0.0	0.0	1246
26	32.9	32.5	29.2	21.8	14.7	10.0	6.9	3.2	1.6	0.8	0.3	0.1	0.0	0.0	0.0	0.0	1606
27	28.8	28.4	25.2	18.2	12.0	8.0	5.3	2.2	1.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	1483
28	25.0	24.6	21.6	14.8	9.7	6.2	4.0	1.5	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1441
29	21.3	20.9	18.0	11.8	7.7	4.8	3.0	1.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1255
30	18.1	17.7	15.0	9.5	6.0	3.6	2.1	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	973
31	15.6	15.2	12.6	7.7	4.6	2.6	1.4	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1043
32	12.9	12.5	10.1	6.0	3.4	1.7	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1103
33	10.0	9.7	7.6	4.4	2.3	1.1	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	908
34	7.7	7.5	5.6	3.1	1.5	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	776
35	5.7	5.5	3.9	2.0	0.9	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	540
36	4.3	4.2	2.7	1.4	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	585
37	2.8	2.7	1.6	0.8	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	414
38	1.8	1.7	1.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	330
39	0.9	0.9	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	222
40	0.3	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	63
41	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	46
42	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20
43	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
NUMBER OF READINGS	193	1399	3424	4030	4053	3669	6157	4493	3363	2683	1122	1012	914	849	862	662	38885

TABLE 3

STATION:- BRISBANE AIRPORT

BUREAU OF METEOROLOGY NUMBER:- 40223

LATITUDE:- 27 26 E

LONGITUDE:- 153 05 S

ELEVATION:- 2m AMSL

PERIOD OF RECORD:- 1/11/1962 TO 31/12/1977

TABLE OF MISSING READINGS

TIME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0000	0	30	6	1	3	2	3	2	3	2	2	0	54
0300	4	32	4	3	8	4	3	8	3	3	2	1	75
0600	0	31	6	3	7	4	3	10	6	7	3	4	84
0900	1	28	2	0	1	5	0	1	0	2	0	0	40
1200	0	28	2	0	1	2	1	1	0	0	0	0	35
1500	0	28	4	0	1	0	0	1	2	3	1	0	40
1800	0	28	0	0	2	0	0	0	1	0	1	1	33
2100	0	29	0	0	3	3	1	0	1	0	2	1	40
TOTAL	5	234	24	7	26	20	11	23	16	17	11	7	401

STATION: - BRISBANE AIRPORT

TABLE 3 (a)

## PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURES

TEMPERATURE (C)	MONTH												CUMULATIVE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	ABOVE
3	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	99.9
5	0.0	0.0	0.0	0.0	0.0	0.1	0.6	0.2	0.0	0.0	0.0	0.0	0.1	99.9
6	0.0	0.0	0.0	0.0	0.0	0.1	1.1	0.4	0.0	0.0	0.0	0.0	0.1	99.7
7	0.0	0.0	0.0	0.0	0.1	0.8	2.0	1.1	0.1	0.0	0.0	0.0	0.3	99.4
8	0.0	0.0	0.0	0.0	0.3	0.9	3.7	2.1	0.5	0.0	0.0	0.0	0.7	98.7
9	0.0	0.0	0.0	0.0	0.6	2.1	4.7	3.2	0.8	0.1	0.0	0.0	1.0	97.7
10	0.0	0.0	0.0	0.1	1.0	3.0	4.8	3.3	1.3	0.2	0.0	0.0	1.2	96.6
11	0.0	0.0	0.0	0.1	2.1	5.1	7.0	4.8	2.8	0.2	0.0	0.0	1.9	94.7
12	0.0	0.0	0.0	0.2	2.8	7.1	7.9	7.0	4.0	0.7	0.2	0.0	2.5	92.2
13	0.0	0.0	0.0	0.4	4.2	9.6	9.1	8.7	6.4	1.6	0.1	0.0	3.4	88.8
14	0.0	0.0	0.0	0.8	5.9	12.2	9.7	10.0	6.7	2.2	0.3	0.0	4.0	84.8
15	0.0	0.0	0.0	1.3	5.9	10.2	8.1	7.7	6.8	3.7	0.8	0.0	3.7	81.1
16	0.0	0.0	0.3	4.2	10.4	10.6	8.5	9.7	8.6	6.7	1.8	0.3	5.2	75.9
17	0.1	0.1	0.8	7.6	11.4	8.8	7.3	8.3	9.3	7.7	4.3	1.0	5.6	70.4
18	1.0	0.5	2.2	10.5	11.5	7.0	6.1	7.2	9.1	9.7	6.4	2.9	6.2	64.1
19	2.1	2.0	5.6	11.3	10.9	4.8	5.3	6.1	8.5	9.4	8.3	4.6	6.6	57.5
20	4.3	4.7	8.1	9.9	6.9	5.2	4.9	5.2	7.2	9.2	8.8	6.5	6.8	50.8
21	7.8	10.0	11.2	10.7	7.0	6.0	5.0	5.7	8.6	9.6	11.0	10.5	8.6	42.2
22	10.8	11.7	12.9	9.9	6.7	3.9	2.3	4.7	7.1	11.2	10.7	11.3	8.6	33.6
23	12.3	13.4	12.3	7.7	4.7	1.8	0.9	2.4	5.0	9.2	11.7	12.1	7.7	25.9
24	12.4	11.3	10.6	7.3	4.2	0.5	0.3	1.2	3.1	6.6	9.0	10.7	6.4	19.5
25	10.0	9.2	9.0	6.2	1.9	0.3	0.2	0.5	1.9	5.0	7.7	9.1	5.0	14.5
26	11.6	11.3	8.8	5.5	0.8	0.0	0.1	0.1	1.2	3.8	7.0	10.1	5.0	9.5
27	10.1	9.6	8.0	3.5	0.4	0.0	0.0	0.1	0.4	1.4	5.5	8.1	3.9	5.7
28	8.1	7.7	5.8	1.3	0.1	0.0	0.0	0.0	0.3	0.7	3.4	5.6	2.7	2.9
29	4.9	5.1	2.7	0.7	0.0	0.0	0.0	0.0	0.1	0.5	1.6	3.6	1.6	1.4
30	2.1	2.0	1.2	0.4	0.0	0.0	0.0	0.0	0.1	0.2	0.7	2.0	0.7	0.7
31	1.6	0.9	0.6	0.3	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.9	0.4	0.3
32	0.4	0.4	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.4	0.1	0.1
33	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.1	0.1
34	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
35	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0
36	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NUMBER OF READINGS	3715	3158	3696	3593	3694	3580	3709	3697	3584	3703	3589	3713	43431	

STATION: - BRISBANE AIRPORT

TABLE 3 (b)

CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURES

PERCENTAGE OF READINGS AT OR ABOVE GIVEN TEMPERATURE

TEMPERATURE (C)	MONTH												YEAR
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
3	100.0	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
4	100.0	100.0	100.0	100.0	100.0	99.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0
5	100.0	100.0	100.0	100.0	100.0	99.9	99.6	99.9	100.0	100.0	100.0	100.0	99.9
6	100.0	100.0	100.0	100.0	100.0	99.8	99.0	99.6	100.0	100.0	100.0	100.0	99.9
7	100.0	100.0	100.0	100.0	100.0	99.6	98.0	99.2	99.9	100.0	100.0	100.0	99.7
8	100.0	100.0	100.0	100.0	99.9	98.9	96.0	98.1	99.8	100.0	100.0	100.0	99.4
9	100.0	100.0	100.0	100.0	99.6	97.9	92.3	95.8	99.4	100.0	100.0	100.0	98.7
10	100.0	100.0	100.0	100.0	98.9	95.9	87.5	92.6	98.5	99.9	100.0	100.0	97.7
11	100.0	100.0	100.0	99.9	97.9	92.8	82.8	89.3	97.2	99.7	100.0	100.0	96.6
12	100.0	100.0	100.0	99.9	95.8	87.8	75.7	84.5	94.4	99.5	100.0	100.0	94.7
13	100.0	100.0	100.0	99.7	93.0	80.7	67.8	77.5	90.4	98.8	99.8	100.0	92.2
14	100.0	100.0	100.0	99.3	88.8	71.1	58.7	68.8	84.0	97.1	99.7	100.0	88.8
15	100.0	100.0	100.0	98.4	82.9	58.9	49.0	58.8	77.3	95.0	99.4	100.0	84.8
16	100.0	100.0	100.0	97.2	77.0	48.7	40.9	51.2	70.6	91.3	98.6	99.9	81.1
17	100.0	100.0	99.7	93.0	66.6	38.1	32.4	41.5	62.0	84.5	96.8	99.7	75.9
18	99.9	99.9	98.9	85.4	55.2	29.3	25.1	33.1	52.7	76.9	92.5	98.7	70.4
19	99.0	99.4	96.8	74.9	43.7	22.3	19.0	25.9	43.6	67.2	86.2	95.8	64.1
20	96.9	97.4	91.1	63.6	32.8	17.6	13.7	19.9	35.0	57.8	77.9	91.2	57.5
21	92.6	92.7	83.0	53.6	25.9	12.4	8.8	14.7	27.8	48.6	69.1	84.8	50.8
22	84.8	82.7	71.9	42.9	18.9	6.4	3.8	9.0	19.3	38.9	58.1	74.3	42.2
23	73.9	71.0	59.0	33.0	12.2	2.6	1.5	4.4	12.2	27.7	47.5	63.0	33.6
24	61.6	57.6	46.7	25.4	7.5	0.8	0.5	1.9	7.2	18.5	35.8	50.9	25.9
25	49.2	46.3	36.1	18.0	3.2	0.3	0.2	0.7	4.1	11.9	26.8	40.2	19.5
26	39.1	37.1	27.2	11.8	1.3	0.0	0.1	0.2	2.2	6.9	19.2	31.1	14.5
27	27.5	25.9	18.4	6.3	0.5	0.0	0.0	0.1	1.0	3.1	12.1	21.0	9.5
28	17.4	16.3	10.5	2.9	0.1	0.0	0.0	0.0	0.6	1.7	6.6	12.9	5.7
29	9.3	8.5	4.6	1.6	0.0	0.0	0.0	0.0	0.3	1.0	3.3	7.2	2.9
30	4.5	3.4	2.0	0.8	0.0	0.0	0.0	0.0	0.2	0.5	1.7	3.6	1.4
31	2.4	1.4	0.8	0.4	0.0	0.0	0.0	0.0	0.1	0.3	1.0	1.7	0.7
32	0.8	0.5	0.2	0.2	0.0	0.0	0.0	0.0	0.1	0.1	0.6	0.8	0.3
33	0.4	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.4	0.1
34	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1
35	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
36	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NUMBER OF READINGS	3715	3158	3696	3593	3694	3580	3709	3697	3584	3703	3589	3713	43431

STATION: - BRISBANE AIRPORT

TABLE 3 (c)

## PERCENTAGE FREQUENCY DISTRIBUTIONS OF RELATIVE HUMIDITIES

RELATIVE HUMIDITY (%)	MONTH												CUMULATIVE		
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	ABOVE	BELOW
3-4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
5-6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
7-8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	100.0	0.0
9-10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	100.0	0.0
11-12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	100.0	0.0
13-14	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	99.9	0.0
15-16	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.4	0.2	0.1	0.1	0.1	99.8	0.1
17-18	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.3	0.3	0.3	0.2	0.1	0.1	99.7	0.2
19-20	0.0	0.1	0.0	0.1	0.1	0.1	0.5	0.4	0.6	0.2	0.1	0.1	0.2	99.5	0.2
21-22	0.0	0.0	0.0	0.1	0.1	0.0	0.4	0.4	0.8	0.4	0.4	0.1	0.2	99.3	0.5
23-24	0.1	0.1	0.0	0.2	0.3	0.2	0.8	0.8	0.7	0.6	0.5	0.1	0.4	98.9	0.7
25-26	0.1	0.0	0.1	0.2	0.4	0.3	0.7	1.0	0.9	0.7	0.6	0.1	0.4	98.5	1.1
27-28	0.0	0.0	0.0	0.2	0.4	0.5	1.0	0.9	0.8	0.6	0.4	0.2	0.4	98.1	1.5
29-30	0.1	0.1	0.1	0.2	0.5	0.6	1.2	1.4	1.4	1.0	0.5	0.1	0.6	97.5	1.9
31-35	0.4	0.0	0.3	1.0	2.2	2.3	4.0	3.9	3.1	1.8	1.5	0.4	1.8	95.7	2.5
36-40	0.6	0.4	0.6	1.6	2.7	3.3	5.2	5.2	3.5	2.6	1.0	0.6	2.3	93.4	4.3
41-45	1.9	1.4	1.4	2.8	3.3	4.6	4.6	5.6	4.2	2.8	2.5	1.9	3.1	90.3	6.6
46-50	4.2	3.5	3.1	4.3	5.2	5.6	6.9	6.2	5.6	5.8	4.7	4.4	5.0	85.4	9.7
51-55	7.1	6.6	6.0	5.8	5.5	7.0	6.4	5.9	6.6	6.6	6.3	7.9	6.5	78.9	14.6
56-60	7.5	8.0	7.3	7.4	6.3	7.7	6.9	5.8	8.1	8.2	9.4	9.6	7.7	71.2	21.1
61-65	10.4	9.7	8.7	6.7	7.3	6.9	7.1	7.0	8.1	8.2	10.2	11.6	8.5	62.8	28.8
66-70	11.5	10.2	10.4	9.4	6.3	8.2	7.8	7.4	7.4	7.9	8.6	11.6	8.9	53.9	37.2
71-72	2.7	3.7	3.7	3.2	3.5	4.3	4.2	3.7	3.7	3.7	2.7	3.7	3.6	50.3	46.1
73-74	5.4	6.0	5.8	5.0	4.2	3.2	2.5	2.6	3.2	4.5	6.2	5.8	4.5	45.8	49.7
75-76	3.1	2.8	3.4	3.5	3.2	3.3	3.9	3.0	3.0	2.4	2.8	2.7	3.1	42.7	54.2
77-78	7.1	7.3	6.6	6.2	5.3	5.2	4.4	4.3	5.2	7.1	7.8	6.9	6.1	36.6	57.3
79-80	3.9	3.9	3.7	3.4	3.1	2.9	2.9	2.5	2.8	3.1	3.2	3.6	3.2	33.4	63.4
81-82	4.3	3.9	3.4	3.8	5.7	6.9	6.4	5.2	5.7	4.5	4.0	3.3	4.8	28.6	66.6
83-84	6.1	6.6	6.6	6.9	4.0	3.5	2.3	3.1	3.0	5.7	7.4	6.9	5.2	23.4	71.4
85-86	3.5	4.1	3.9	3.5	3.7	2.6	2.6	2.6	2.7	2.2	2.6	3.1	3.1	20.4	76.6
87-88	3.6	4.6	5.3	6.9	7.6	7.0	5.7	6.3	6.4	6.9	5.3	4.3	5.8	14.5	79.6
89-90	5.0	5.1	5.6	4.6	4.3	2.5	2.0	3.0	2.3	3.0	2.5	3.8	3.6	10.9	85.5
91-92	3.1	3.2	3.3	3.0	3.0	2.2	1.9	2.6	1.9	2.0	1.9	1.6	2.5	8.4	89.1
93-94	4.3	4.0	6.0	6.2	6.8	4.7	4.5	4.6	4.5	4.4	3.6	3.5	4.8	3.7	91.6
95-96	2.0	2.8	2.4	1.8	2.9	1.8	1.2	1.5	1.3	1.6	1.2	1.1	1.8	1.9	96.3
97-98	0.7	0.5	0.9	0.5	0.9	0.8	0.8	0.8	0.8	0.1	0.5	0.5	0.7	1.2	98.1
NUMBER OF READINGS	3715	3158	3696	3593	3694	3580	3709	3697	3584	3703	3589	3713	43431		

STATION:- BRISBANE AIRPORT

TABLE 3 (d)

## PERCENTAGE FREQUENCY DISTRIBUTION OF ABSOLUTE HUMIDITIES

DEW POINT (C)	VAPOUR PRESSURE (mbar)	MONTH												YEAR	CUMULATIVE	
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
-9	3.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
-8	3.3	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.1	0.0	0.0	0.0	0.0	100.0	0.0
-7	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.0	0.0	0.0	0.0	99.9	0.0
-6	3.9	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.1	0.1	0.1	0.0	0.0	0.1	99.9	0.1
-5	4.3	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.2	0.1	0.1	0.1	0.0	0.1	99.8	0.1
-4	4.6	0.0	0.0	0.0	0.0	0.0	0.1	0.6	0.2	0.4	0.1	0.0	0.0	0.1	99.7	0.2
-3	4.9	0.0	0.0	0.0	0.0	0.1	0.2	1.2	0.8	0.5	0.1	0.1	0.1	0.3	99.4	0.3
-2	5.3	0.0	0.0	0.0	0.0	0.2	0.4	1.6	0.8	0.9	0.2	0.1	0.0	0.4	99.1	0.6
-1	5.7	0.0	0.0	0.0	0.1	0.4	0.8	2.1	1.6	1.2	0.3	0.1	0.0	0.6	98.5	0.9
0	6.2	0.0	0.0	0.0	0.1	0.5	0.7	2.0	1.1	1.3	0.4	0.2	0.0	0.5	98.0	1.5
1	6.7	0.0	0.0	0.0	0.1	0.6	1.8	4.1	2.8	1.5	0.7	0.1	0.1	1.0	97.0	2.0
2	7.1	0.0	0.0	0.0	0.2	1.3	2.4	4.3	3.9	1.8	1.0	0.2	0.1	1.3	95.7	3.0
3	7.7	0.0	0.0	0.0	0.2	1.5	3.0	6.3	4.5	2.1	1.2	0.5	0.1	1.6	94.1	4.3
4	8.2	0.0	0.1	0.0	0.5	2.1	4.2	6.7	5.8	2.4	1.2	0.6	0.0	2.0	92.1	5.9
5	8.7	0.0	0.0	0.0	0.4	2.1	3.0	4.6	4.3	1.7	1.2	0.6	0.0	1.5	90.5	7.9
6	9.4	0.1	0.1	0.0	0.4	2.9	4.9	7.0	5.9	3.1	1.5	0.8	0.2	2.3	88.3	9.5
7	10.0	0.1	0.1	0.1	0.6	4.0	5.2	7.4	6.4	3.7	1.6	0.8	0.1	2.5	85.8	11.7
8	10.7	0.1	0.0	0.1	1.2	4.9	8.9	7.8	8.1	6.6	1.9	0.8	0.2	3.4	82.4	14.2
9	11.5	0.1	0.0	0.1	1.3	4.5	10.9	8.2	8.2	7.4	2.5	1.6	0.5	3.8	78.5	17.6
10	12.3	0.1	0.0	0.2	0.9	3.5	7.0	5.9	5.8	6.2	2.9	1.2	0.4	2.9	75.7	21.5
11	13.1	0.3	0.1	0.4	2.2	6.5	12.3	7.5	8.9	9.4	6.2	3.1	1.1	4.8	70.8	24.3
12	14.0	0.7	0.2	1.0	4.6	7.9	11.5	6.9	9.5	11.7	7.0	4.4	2.0	5.7	65.2	29.2
13	15.0	1.6	0.7	1.9	7.8	10.6	8.3	5.9	7.8	10.2	9.3	6.7	3.6	6.2	58.9	34.8
14	16.0	3.6	1.6	3.9	12.3	11.6	6.9	4.5	5.7	9.5	11.7	7.9	6.5	7.2	51.7	41.1
15	17.1	3.7	2.9	3.4	9.7	9.0	3.0	2.5	2.5	5.9	9.1	7.5	5.3	5.4	46.4	48.3
16	18.2	8.5	7.9	9.3	14.9	9.7	2.9	1.7	2.9	6.1	14.0	11.7	10.3	8.3	38.0	53.6
17	19.4	9.9	12.1	14.9	16.6	8.1	0.9	0.3	1.6	3.8	12.8	13.8	13.4	9.0	29.1	62.0
18	20.6	13.2	16.5	18.4	12.4	4.6	0.3	0.1	0.4	1.7	7.4	13.5	15.3	8.6	20.5	70.9
19	22.0	15.8	16.4	16.0	7.5	2.1	0.1	0.0	0.0	0.6	3.2	10.0	12.7	7.0	13.5	79.5
20	23.4	10.8	10.9	10.4	3.4	0.7	0.0	0.0	0.0	0.1	1.1	5.9	8.9	4.3	9.3	86.5
21	24.9	12.8	13.6	10.2	1.9	0.5	0.0	0.0	0.0	0.0	0.9	4.7	9.4	4.4	4.8	90.7
22	26.4	10.3	9.7	5.5	0.8	0.1	0.0	0.0	0.0	0.0	0.2	2.2	6.6	2.9	1.9	95.2
23	28.1	4.9	5.9	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.6	2.5	1.3	0.6	98.1
24	29.8	2.8	1.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.5	0.5	0.1	99.4
25	31.7	0.5	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	99.9
NUMBER OF READINGS		3715	3158	3696	3593	3694	3580	3709	3697	3584	3703	3589	3713	43431		

NUMBER OF DEW POINTS GREATER THAN 38C 0  
NUMBER OF DEW POINTS LESS THAN -15C 0

STATION: - BRISBANE AIRPORT

TABLE 2 (e)

DOUBLE CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION FOR TEMPERATURE AND RELATIVE HUMIDITY

PERCENTAGE OF READINGS AT OR ABOVE GIVEN CONDITIONS

TEMPERATURE (C)	RELATIVE HUMIDITY (%)																NUMBER OF READINGS
	0	5	10	15	20	25	30	40	50	60	70	75	80	85	90	95	
3	100.0	100.0	100.0	99.9	99.5	98.7	97.5	93.4	85.4	71.2	53.9	44.2	33.4	21.8	10.9	2.5	6
4	100.0	100.0	100.0	99.9	99.5	98.7	97.5	93.4	85.4	71.2	53.8	44.2	33.4	21.8	10.9	2.5	14
5	99.9	99.9	99.9	99.8	99.5	98.7	97.4	93.4	85.3	71.2	53.8	44.2	33.3	21.8	10.9	2.5	36
6	99.9	99.9	99.8	99.8	99.4	98.6	97.4	93.3	85.2	71.1	53.8	44.1	33.3	21.8	10.9	2.5	62
7	99.7	99.7	99.7	99.6	99.2	98.4	97.2	93.1	85.1	71.0	53.7	44.0	33.2	21.8	10.8	2.5	152
8	99.4	99.4	99.4	99.3	98.9	98.1	96.9	92.8	84.7	70.6	53.4	43.8	33.1	21.7	10.8	2.5	283
9	98.7	98.7	98.7	98.6	98.2	97.4	96.2	92.1	84.1	70.0	52.9	43.4	32.8	21.5	10.7	2.5	424
10	97.7	97.7	97.7	97.6	97.3	96.5	95.2	91.2	83.2	69.2	52.2	42.9	32.4	21.3	10.6	2.4	500
11	96.6	96.6	96.6	96.5	96.1	95.3	94.1	90.0	82.1	68.2	51.4	42.2	31.8	20.9	10.4	2.4	808
12	94.7	94.7	94.7	94.6	94.3	93.4	92.2	88.2	80.4	66.7	50.2	41.1	31.0	20.3	10.1	2.3	1090
13	92.2	92.2	92.2	92.1	91.8	90.9	89.7	85.7	78.2	64.7	48.5	39.7	29.8	19.5	9.7	2.2	1466
14	88.8	88.8	88.8	88.7	88.4	87.6	86.4	82.5	75.1	61.9	46.3	37.7	28.3	18.4	9.1	2.0	1748
15	84.8	84.8	84.8	84.7	84.3	83.5	82.3	78.6	71.5	58.8	43.7	35.5	26.4	17.1	8.4	1.9	1621
16	81.1	81.1	81.1	81.0	80.6	79.8	78.7	75.0	68.2	55.8	41.1	33.3	24.6	15.9	7.8	1.7	2237
17	75.9	75.9	75.9	75.8	75.5	74.7	73.6	70.2	63.6	51.6	37.6	30.2	22.2	14.3	7.0	1.5	2426
18	70.4	70.4	70.3	70.2	69.9	69.2	68.1	64.9	58.7	47.1	33.8	27.0	19.7	12.5	6.1	1.3	2698
19	64.1	64.1	64.1	64.0	63.7	63.0	62.1	59.3	53.4	42.2	29.7	23.4	16.9	10.5	5.2	1.1	2869
20	57.5	57.5	57.5	57.4	57.1	56.5	55.7	53.3	47.7	37.1	25.4	19.8	13.9	8.5	4.1	0.9	2934
21	50.8	50.8	50.8	50.7	50.4	49.8	49.1	47.1	42.0	32.0	21.1	16.1	11.1	6.7	3.3	0.8	3719
22	42.2	42.2	42.2	42.1	41.9	41.4	40.8	39.2	34.8	25.8	16.1	12.0	8.1	4.8	2.2	0.5	3721
23	33.6	33.6	33.6	33.6	33.3	32.9	32.5	31.3	27.5	19.6	11.2	8.0	5.2	2.9	1.3	0.3	3360
24	25.9	25.9	25.9	25.8	25.6	25.3	24.9	24.0	20.8	13.8	6.9	4.7	2.9	1.5	0.6	0.1	2777
25	19.5	19.5	19.5	19.5	19.3	19.1	18.8	18.1	15.4	9.5	4.1	2.6	1.4	0.7	0.2	0.0	2186
26	14.5	14.5	14.5	14.4	14.3	14.1	13.9	13.3	11.2	6.4	2.4	1.3	0.6	0.3	0.1	0.0	2157
27	9.5	9.5	9.5	9.5	9.4	9.2	9.1	8.6	7.0	3.6	1.0	0.4	0.1	0.0	0.0	0.0	1674
28	5.7	5.7	5.7	5.6	5.6	5.4	5.3	5.0	3.9	1.8	0.4	0.1	0.0	0.0	0.0	0.0	1180
29	2.9	2.9	2.9	2.9	2.9	2.8	2.7	2.4	1.9	0.8	0.1	0.0	0.0	0.0	0.0	0.0	679
30	1.4	1.4	1.4	1.4	1.3	1.3	1.2	1.0	0.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	309
31	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	176
32	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	63
33	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29
34	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6
35	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9
36	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4
37	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3
NUMBER OF READINGS	1	8	41	158	356	528	1767	3497	6143	7539	4194	4712	5008	4757	3638	1094	43441

TABLE 4

STATION:- BROKEN HILL P.O.

BUREAU OF METEOROLOGY NUMBER:- 47007

LATITUDE:- 31 58 E

LONGITUDE:- 141 27 S

ELEVATION:- 304m AMSL

PERIOD OF RECORD:- 1/ 1/1963 TO 30/11/1977

TABLE OF MISSING READINGS

TIME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0000	465	424	465	450	465	450	465	465	450	465	450	434	5448
0300	126	86	97	92	99	96	97	66	62	64	64	63	1012
0600	125	86	99	94	103	105	96	67	68	66	62	68	1039
0900	63	29	66	62	42	45	38	7	3	1	2	62	420
1200	124	86	93	90	94	93	93	63	63	63	62	62	986
1500	64	29	63	60	33	31	32	2	1	1	0	64	380
1800	124	85	94	90	93	92	93	62	62	64	60	62	981
2100	125	86	95	92	99	99	93	65	64	63	61	63	1005
TOTAL	1216	911	1072	1030	1028	1011	1007	797	773	787	761	878	11271

STATION: - BROKEN HILL P.O.

TABLE 4 (a)

## PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURES

TEMPERATURE (C)	MONTH												CUMULATIVE		
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	ABOVE	BELOW
2	0.0	0.0	0.0	0.0	0.0	0.3	0.4	0.1	0.0	0.0	0.0	0.0	0.1	99.9	0.0
3	0.0	0.0	0.0	0.0	0.0	1.1	1.1	0.7	0.1	0.0	0.0	0.0	0.3	99.7	0.1
4	0.0	0.0	0.0	0.0	0.2	1.8	2.2	1.3	0.2	0.1	0.0	0.0	0.5	99.2	0.3
5	0.0	0.0	0.0	0.0	1.0	3.0	3.7	2.5	0.6	0.1	0.0	0.0	0.9	98.3	0.8
6	0.0	0.0	0.0	0.1	2.3	4.4	5.6	4.5	1.6	0.3	0.1	0.0	1.6	96.7	1.7
7	0.0	0.0	0.0	0.4	3.3	7.1	9.5	6.4	2.5	0.9	0.1	0.0	2.6	94.1	3.2
8	0.0	0.0	0.0	0.8	4.6	8.4	9.0	7.1	4.5	1.5	0.5	0.0	3.1	91.0	5.9
9	0.1	0.0	0.2	1.1	5.7	7.6	7.8	6.8	4.1	1.6	0.6	0.1	3.0	88.0	9.0
10	0.0	0.0	0.5	2.5	7.1	10.5	10.3	9.4	5.9	3.4	1.7	0.3	4.4	83.6	12.0
11	0.1	0.2	0.6	2.9	8.1	9.3	9.1	9.3	6.3	3.5	1.8	0.2	4.4	79.2	16.4
12	0.4	0.6	1.3	4.5	9.0	9.7	9.5	9.8	7.3	4.1	2.6	1.5	5.1	74.1	20.8
13	0.7	0.6	1.8	6.0	8.4	8.1	7.7	8.5	7.3	5.1	3.5	1.5	5.0	69.1	25.9
14	1.0	1.0	2.1	4.4	7.5	6.6	6.9	6.4	7.3	4.8	3.2	2.0	4.5	64.6	30.9
15	2.1	1.7	3.3	6.8	7.8	6.8	5.5	6.5	8.5	5.2	4.2	2.8	5.2	59.4	35.4
16	2.6	2.8	3.8	7.9	7.1	6.0	4.3	5.8	7.1	6.3	4.5	3.6	5.2	54.2	40.6
17	3.3	3.5	5.1	8.6	7.2	3.6	3.1	4.7	7.1	7.2	5.7	4.3	5.3	48.9	45.8
18	4.0	4.0	5.4	7.5	5.4	2.2	1.6	2.7	5.6	6.6	5.6	3.9	4.6	44.4	51.1
19	3.0	2.9	4.4	5.8	3.9	1.2	1.2	2.3	4.3	4.7	4.9	3.9	3.6	40.8	55.6
20	5.4	4.6	6.8	7.4	2.7	1.4	0.8	1.9	4.2	6.9	6.9	5.4	4.5	36.3	59.2
21	5.8	5.1	8.0	5.6	2.5	0.5	0.3	1.0	3.9	5.5	6.3	6.0	4.2	32.1	63.7
22	5.7	5.8	5.9	5.2	2.0	0.2	0.1	0.7	2.6	4.7	5.5	6.5	3.7	28.4	67.9
23	7.1	6.0	5.7	4.7	1.1	0.1	0.1	0.5	2.3	4.6	4.6	4.8	3.4	25.0	71.6
24	5.5	5.2	6.6	3.3	1.0	0.0	0.1	0.5	1.6	4.0	5.4	5.2	3.2	21.8	75.0
25	5.4	5.8	5.9	3.1	1.1	0.0	0.0	0.2	1.2	3.7	4.8	5.8	3.0	18.8	78.2
26	5.8	5.9	5.6	3.5	0.7	0.0	0.0	0.2	1.6	3.2	4.0	5.1	2.9	15.9	81.2
27	4.7	5.0	5.3	2.3	0.3	0.0	0.0	0.2	0.9	3.0	4.2	5.7	2.6	13.3	84.1
28	5.9	4.9	4.5	1.8	0.0	0.0	0.0	0.2	0.5	2.3	3.7	3.8	2.2	11.0	86.7
29	4.2	4.6	2.8	1.4	0.0	0.0	0.0	0.0	0.1	1.4	2.9	3.7	1.7	9.3	89.0
30	4.8	4.9	3.7	0.9	0.0	0.0	0.0	0.0	0.4	1.4	2.5	5.1	1.9	7.4	90.7
31	4.2	4.4	3.3	1.2	0.0	0.0	0.0	0.0	0.1	1.6	2.6	3.9	1.7	5.7	92.6
32	4.2	4.7	2.5	0.3	0.0	0.0	0.0	0.0	0.1	1.0	2.4	3.5	1.5	4.2	94.3
33	2.8	3.2	1.6	0.2	0.0	0.0	0.0	0.0	0.0	0.4	1.7	2.8	1.0	3.1	95.8
34	2.7	2.7	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.1	2.4	0.8	2.3	96.9
35	2.7	3.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.9	2.2	0.8	1.5	97.7
36	1.8	2.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	1.6	0.6	1.0	98.5
37	1.5	1.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.6	0.8	0.4	0.6	99.0
38	1.1	1.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.7	0.3	0.3	99.4
39	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.1	0.2	99.7
40	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.1	99.8
41	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	99.9
NUMBER OF READINGS	2504	2481	2648	2570	2692	2589	2713	2923	2827	2933	2839	2594	32313		

TABLE 4 (b)

STATION:- BROKEN HILL P.O.

## CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURES

## PERCENTAGE OF READINGS AT OR ABOVE GIVEN TEMPERATURE

TEMPERATURE (C)	MONTH												YEAR
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
3	100.0	100.0	100.0	100.0	100.0	99.7	99.6	99.9	100.0	100.0	100.0	100.0	99.9
4	100.0	100.0	100.0	100.0	100.0	98.6	98.5	99.2	99.9	100.0	100.0	100.0	99.7
5	100.0	100.0	100.0	100.0	99.8	96.8	96.4	97.9	99.6	99.9	100.0	100.0	99.2
6	100.0	100.0	100.0	100.0	98.8	93.7	92.6	95.4	99.0	99.9	100.0	100.0	98.2
7	100.0	100.0	100.0	99.9	96.5	89.4	87.0	91.0	97.4	99.5	99.9	100.0	96.7
8	100.0	100.0	100.0	99.5	93.2	82.2	77.6	84.6	94.9	98.6	99.8	100.0	94.1
9	100.0	100.0	99.9	98.8	88.7	73.8	68.5	77.5	90.4	97.2	99.3	100.0	91.0
10	99.9	100.0	99.7	97.7	83.0	66.2	60.7	70.7	86.3	95.6	98.7	99.9	88.0
11	99.8	100.0	99.3	95.2	75.9	55.6	50.4	61.2	80.4	92.2	97.0	99.6	83.6
12	99.8	99.8	98.7	92.3	67.8	46.3	41.3	52.0	74.1	88.6	95.2	99.2	79.2
13	99.4	99.2	97.4	87.8	58.8	36.6	31.8	42.2	66.7	84.6	92.6	97.7	74.1
14	98.7	98.5	95.6	81.9	50.4	28.5	24.1	33.7	59.5	79.4	89.1	96.2	69.1
15	97.7	97.5	93.5	77.4	42.9	21.9	17.2	27.3	52.2	74.6	85.9	94.2	64.6
16	95.6	95.8	90.2	70.6	35.1	15.2	11.7	20.8	43.7	69.4	81.8	91.4	59.4
17	93.0	93.0	86.4	62.7	28.0	9.2	7.4	15.0	36.6	63.1	77.3	87.7	54.2
18	89.7	89.6	81.2	54.1	20.8	5.6	4.3	10.3	29.5	55.9	71.5	83.5	48.9
19	85.7	85.6	75.8	46.6	15.4	3.4	2.7	7.6	23.9	49.3	65.9	79.6	44.4
20	82.7	82.7	71.4	40.8	11.5	2.2	1.5	5.3	19.6	44.6	61.0	75.7	40.8
21	77.2	78.2	64.6	33.5	8.8	0.8	0.7	3.5	15.5	37.6	54.1	70.3	36.3
22	71.5	73.1	56.6	27.8	6.3	0.3	0.4	2.5	11.5	32.2	47.9	64.2	32.1
23	65.8	67.2	50.7	22.6	4.3	0.1	0.3	1.8	8.9	27.4	42.3	57.8	28.4
24	58.6	61.2	45.0	17.9	3.2	0.0	0.2	1.3	6.6	22.8	37.7	53.0	25.0
25	53.2	56.1	38.4	14.6	2.2	0.0	0.0	0.8	5.0	18.8	32.3	47.8	21.8
26	47.8	50.2	32.4	11.5	1.1	0.0	0.0	0.6	3.8	15.1	27.5	42.0	18.8
27	42.0	44.3	26.8	8.0	0.4	0.0	0.0	0.4	2.2	11.9	23.6	37.0	15.9
28	37.3	39.3	21.5	5.7	0.0	0.0	0.0	0.2	1.3	8.9	19.4	31.3	13.2
29	31.4	34.4	17.0	3.9	0.0	0.0	0.0	0.0	0.8	6.6	15.7	27.5	11.0
30	27.2	29.7	14.2	2.5	0.0	0.0	0.0	0.0	0.6	5.1	12.8	23.8	9.3
31	22.4	24.9	10.4	1.6	0.0	0.0	0.0	0.0	0.3	3.8	10.3	18.8	7.4
32	18.2	20.4	7.1	0.5	0.0	0.0	0.0	0.0	0.1	2.1	7.7	14.9	5.7
33	14.1	15.8	4.6	0.2	0.0	0.0	0.0	0.0	0.0	1.2	5.2	11.4	4.2
34	11.3	12.5	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.7	3.5	8.6	3.1
35	8.6	9.9	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.3	2.4	6.2	2.3
36	5.9	6.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.5	4.0	1.5
37	4.1	4.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.0	2.4	1.0
38	2.6	2.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.6	0.6
39	1.5	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.8	0.3
40	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	0.2
41	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1
42	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
NUMBER OF READINGS	2504	2481	2648	2570	2692	2589	2713	2923	2827	2933	2839	2594	32313

STATION: - BROKEN HILL P.O.

TABLE 4 (c)

## PERCENTAGE FREQUENCY DISTRIBUTIONS OF RELATIVE HUMIDITIES

RELATIVE HUMIDITY (%)	MONTH												YEAR	CUMULATIVE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
3-4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
5-6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	100.0	0.0
7-8	0.5	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.6	0.7	0.2	99.7	0.0
9-10	1.1	0.7	0.6	0.0	0.0	0.0	0.0	0.0	0.1	0.5	1.3	1.4	0.5	99.3	0.3
11-12	2.7	2.2	1.1	0.2	0.1	0.0	0.0	0.0	0.4	1.2	1.8	3.3	1.1	98.2	0.7
13-14	3.4	3.8	2.0	0.5	0.0	0.0	0.0	0.2	0.7	2.3	2.1	3.3	1.5	96.7	1.8
15-16	4.5	4.5	2.7	0.4	0.0	0.0	0.1	0.2	0.8	2.7	3.8	4.4	2.0	94.7	3.2
17-18	4.6	4.5	3.6	1.8	0.4	0.0	0.1	0.3	1.7	2.7	4.1	4.4	2.3	92.4	5.3
19-20	4.5	5.7	3.5	2.1	0.8	0.0	0.1	0.8	2.1	4.3	5.4	4.9	2.8	89.6	7.6
21-22	5.2	5.6	4.2	2.7	0.6	0.0	0.1	0.6	2.3	4.1	5.5	5.4	3.0	86.6	10.4
23-24	6.3	6.0	4.7	2.7	1.0	0.2	0.3	1.0	2.4	3.8	5.4	5.7	3.3	83.3	13.4
25-26	4.9	4.9	4.7	3.2	1.0	0.3	0.6	1.4	1.9	5.0	6.0	5.6	3.3	80.0	16.7
27-28	5.3	5.1	4.9	3.5	1.5	0.5	0.7	1.8	3.1	4.1	5.3	4.5	3.3	76.7	20.0
29-30	5.1	4.7	4.4	3.5	2.4	0.8	0.9	2.1	3.9	4.3	4.9	5.4	3.5	73.2	23.3
31-35	9.9	11.2	11.7	10.4	6.6	4.0	4.3	7.1	8.8	10.5	11.2	10.9	8.9	64.3	26.8
36-40	8.9	8.4	10.2	10.0	7.9	4.8	7.7	9.0	10.6	9.5	9.9	8.1	8.8	55.5	35.7
41-45	5.8	6.2	7.9	10.0	8.4	6.9	10.1	10.6	9.8	7.0	6.8	6.7	8.1	47.5	44.5
46-50	4.8	5.9	7.2	9.1	9.2	8.7	9.5	10.5	8.3	8.4	5.8	5.9	7.8	39.6	52.5
51-55	4.0	5.1	5.9	7.0	9.0	8.9	11.4	9.9	7.9	5.8	4.5	4.8	7.0	32.6	60.4
56-60	3.4	3.4	4.7	5.8	8.2	9.8	8.8	8.3	7.1	4.8	3.1	3.1	5.9	26.7	67.4
61-65	2.8	2.3	3.8	5.7	8.4	8.9	9.5	7.9	6.2	4.2	2.9	2.4	5.4	21.2	73.3
66-70	1.9	2.5	2.9	4.2	5.8	7.8	8.0	5.6	4.8	3.3	2.5	1.6	4.3	17.0	78.8
71-72	0.6	0.4	1.0	1.6	2.6	3.5	2.4	2.2	1.3	1.0	0.9	0.5	1.5	15.5	83.0
73-74	1.0	0.6	1.3	1.5	2.1	3.2	2.6	2.3	1.6	1.1	0.7	0.5	1.5	13.9	84.5
75-76	0.7	0.4	0.9	1.4	2.7	3.4	3.1	1.9	1.9	1.3	1.0	0.7	1.6	12.3	86.1
77-78	0.8	0.5	0.9	1.6	2.5	3.4	2.7	1.7	1.6	0.8	0.7	0.5	1.5	10.8	87.7
79-80	0.7	0.2	0.7	0.8	2.0	3.1	1.5	1.3	1.3	1.0	0.6	0.4	1.1	9.7	89.2
81-82	0.6	0.5	0.8	1.3	1.9	2.9	2.8	2.1	0.8	0.6	0.5	0.3	1.3	8.4	90.3
83-84	0.5	0.3	0.6	0.9	2.7	4.1	3.3	2.3	1.6	0.7	0.2	0.4	1.5	6.9	91.6
85-86	0.6	0.3	0.5	0.9	2.5	3.0	1.8	1.8	1.5	0.6	0.4	0.3	1.2	5.7	93.1
87-88	0.4	0.4	0.4	1.1	1.9	2.3	1.2	1.0	0.8	0.5	0.4	0.4	0.9	4.8	94.3
89-90	0.6	0.5	0.7	0.7	1.2	2.0	1.6	1.0	0.7	0.5	0.2	0.4	0.8	4.0	95.2
91-92	0.5	0.4	0.2	0.7	2.1	3.2	2.7	1.7	1.3	0.6	0.2	0.2	1.1	2.9	96.0
93-94	0.8	0.6	0.5	1.5	1.8	1.8	1.0	1.1	1.0	0.6	0.4	0.9	1.0	1.9	97.1
95-96	0.8	0.4	0.2	1.3	0.7	0.7	0.5	0.5	0.4	0.7	0.2	0.5	0.6	1.2	98.1
97-98	0.7	0.8	0.3	0.8	0.9	0.8	0.4	0.8	0.4	0.4	0.2	0.3	0.6	0.7	98.7
NUMBER OF READINGS	2504	2481	2648	2570	2692	2589	2713	2923	2827	2933	2839	2594	32313		

TABLE 4 (d)

STATION:- BROKEN HILL P.O.

## PERCENTAGE FREQUENCY DISTRIBUTION OF ABSOLUTE HUMIDITIES

DEW POINT (C)	VAPOUR PRESSURE (mbar)	MONTH												YEAR	CUMULATIVE	
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
-11	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
-10	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
-9	3.1	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.3	0.3	0.4	0.2	0.1	99.9	0.0
-8	3.3	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.3	0.2	0.1	99.8	0.1
-7	3.6	0.1	0.2	0.2	0.0	0.1	0.0	0.2	0.2	0.4	0.2	0.4	0.1	0.2	99.6	0.2
-6	3.9	0.1	0.2	0.1	0.0	0.0	0.0	0.1	0.4	0.6	0.4	0.5	0.3	0.2	99.2	0.4
-5	4.3	0.0	0.1	0.4	0.0	0.1	0.0	0.4	0.7	0.4	0.5	0.8	0.4	0.3	99.0	0.7
-4	4.6	0.5	0.3	0.2	0.2	0.2	0.1	1.0	1.9	1.5	1.2	1.0	0.7	0.7	98.2	1.0
-3	4.9	0.5	0.9	1.0	0.4	0.5	0.5	1.6	2.8	2.1	2.5	2.4	1.2	1.4	96.8	1.7
-2	5.3	0.5	0.9	0.9	0.7	0.4	1.1	3.2	4.1	3.2	3.6	2.7	1.5	2.0	94.9	3.2
-1	5.7	0.9	1.5	1.5	2.1	1.7	3.2	5.8	5.9	5.0	4.3	3.4	2.0	3.2	91.7	5.1
0	6.2	1.9	2.0	2.2	3.0	3.6	5.1	8.8	7.8	6.3	5.7	4.1	3.5	4.6	87.1	8.3
1	6.7	2.9	2.5	3.0	3.8	5.4	7.0	11.7	9.6	7.6	7.1	4.8	5.0	6.0	81.1	12.9
2	7.1	3.2	3.3	3.4	6.1	6.7	10.1	13.0	13.1	10.6	8.6	6.5	6.4	7.7	73.4	18.9
3	7.7	5.2	5.3	5.1	9.9	11.7	15.4	14.5	15.3	14.2	11.7	9.9	8.6	10.7	62.6	26.6
4	8.2	6.4	5.8	6.6	8.9	12.3	15.2	12.8	10.6	10.7	9.6	10.5	8.4	9.9	52.7	37.4
5	8.7	4.4	3.7	4.1	7.1	9.7	9.2	6.8	6.7	7.1	4.7	6.3	5.0	6.3	46.5	47.3
6	9.4	7.8	6.4	8.3	9.4	11.1	9.9	8.1	6.5	8.5	8.3	8.9	7.9	8.4	38.0	53.5
7	10.0	8.1	7.5	7.6	9.5	9.6	8.0	5.6	5.1	6.2	7.0	8.3	8.4	7.5	30.5	62.0
8	10.7	9.3	7.0	8.6	8.6	7.9	6.6	2.5	3.6	4.8	6.7	6.2	7.9	6.6	23.9	69.5
9	11.5	7.2	7.3	7.5	7.7	6.0	4.4	1.7	2.1	2.8	4.1	5.6	6.6	5.2	18.7	76.1
10	12.3	3.4	3.7	4.7	3.7	2.5	1.7	0.7	1.5	1.9	2.7	3.5	2.5	2.7	16.1	81.3
11	13.1	5.4	6.4	7.9	4.2	1.9	1.1	0.9	1.1	1.7	3.2	3.6	4.4	3.4	12.7	83.9
12	14.0	4.5	7.1	5.8	3.1	1.7	0.8	0.5	0.6	1.5	2.2	2.7	3.7	2.7	9.9	87.3
13	15.0	3.8	6.6	4.9	2.8	2.0	0.5	0.2	0.2	1.3	1.6	1.6	3.5	2.3	7.6	90.1
14	16.0	3.5	5.1	4.7	2.7	1.8	0.1	0.0	0.0	0.4	1.1	1.9	2.3	1.9	5.7	92.4
15	17.1	2.9	3.7	2.6	2.7	1.1	0.1	0.0	0.0	0.5	0.9	0.9	1.4	1.3	4.4	94.3
16	18.2	3.6	3.7	3.2	2.1	1.3	0.0	0.0	0.0	0.2	0.9	1.5	2.2	1.5	2.9	95.6
17	19.4	3.7	3.3	2.4	0.7	0.4	0.0	0.0	0.0	0.0	0.5	0.6	1.8	1.1	1.8	97.1
18	20.6	3.2	2.1	1.2	0.5	0.2	0.0	0.0	0.0	0.0	0.2	0.4	1.1	0.7	1.1	98.2
19	22.0	2.2	1.5	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.7	0.4	0.7	98.9
20	23.4	1.7	0.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.3	0.4	99.3
21	24.9	1.7	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.2	0.2	99.6
22	26.4	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.1	99.8
23	28.1	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	99.9
24	29.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
25	31.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
26	33.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
NUMBER OF READINGS		2084	2108	2244	2393	2303	2436	2371	2539	2464	2567	2392	2397	28298		

NUMBER OF DEW POINTS GREATER THAN 38C 0  
NUMBER OF DEW POINTS LESS THAN -15C 0

STATION:- BROKEN HILL P.O.

TABLE 4 (e)

DOUBLE CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION FOR TEMPERATURE AND RELATIVE HUMIDITY

TEMPERATURE (C)	PERCENTAGE OF READINGS AT OR ABOVE GIVEN CONDITIONS																NUMBER READINGS
	RELATIVE HUMIDITY (%)																
	0	5	10	15	20	25	30	40	50	60	70	75	80	85	90	95	
2	100.0	100.0	99.3	95.7	89.6	81.8	73.2	55.5	39.6	26.7	17.0	13.2	9.7	6.3	4.0	1.5	20
3	99.9	99.9	99.2	95.7	89.5	81.7	73.1	55.4	39.6	26.6	16.9	13.1	9.6	6.2	4.0	1.5	81
4	99.7	99.7	99.0	95.4	89.3	81.5	72.8	55.2	39.3	26.4	16.7	12.9	9.4	6.1	3.9	1.5	151
5	99.2	99.2	98.5	94.9	88.8	81.0	72.4	54.7	38.8	25.9	16.2	12.5	9.2	5.9	3.8	1.5	291
6	98.3	98.2	97.5	94.0	87.9	80.0	71.4	53.8	37.9	25.0	15.5	11.9	8.7	5.7	3.7	1.4	511
7	96.7	96.6	95.9	92.4	86.2	78.4	69.8	52.2	36.3	23.4	14.3	11.0	7.9	5.3	3.5	1.4	827
8	94.1	94.1	93.4	89.9	83.7	75.9	67.3	49.6	33.8	21.2	12.8	9.8	7.0	4.9	3.2	1.3	1007
9	91.0	91.0	90.3	86.8	80.6	72.8	64.2	46.5	30.8	19.0	11.3	8.5	6.2	4.4	2.9	1.2	979
10	88.0	88.0	87.3	83.7	77.6	69.8	61.1	43.5	28.0	16.9	9.9	7.4	5.5	4.0	2.6	1.1	1427
11	83.6	83.6	82.9	79.3	73.2	65.4	56.8	39.2	24.3	14.2	8.3	6.2	4.6	3.5	2.3	1.0	1417
12	79.2	79.2	78.5	75.0	68.8	61.0	52.4	34.9	21.0	12.1	6.9	5.3	4.0	3.0	2.0	0.9	1648
13	74.1	74.1	73.4	69.9	63.7	55.9	47.3	30.0	17.7	10.0	5.9	4.6	3.5	2.6	1.8	0.9	1622
14	69.1	69.1	68.4	64.8	58.7	50.9	42.3	25.7	14.8	8.2	4.9	3.9	3.0	2.3	1.6	0.8	1450
15	64.6	64.5	63.8	60.3	54.2	46.4	37.9	22.3	12.4	7.0	4.2	3.4	2.7	2.1	1.4	0.7	1667
16	59.4	59.4	58.7	55.2	49.0	41.2	32.8	18.7	10.2	5.8	3.5	2.8	2.2	1.7	1.2	0.6	1675
17	54.2	54.2	53.5	50.0	43.8	36.1	27.9	15.5	8.5	4.7	2.9	2.3	1.7	1.3	0.9	0.4	1716
18	48.9	48.9	48.2	44.7	38.5	30.9	22.9	12.4	6.7	3.7	2.2	1.8	1.3	1.0	0.7	0.3	1477
19	44.4	44.3	43.6	40.1	34.0	26.6	19.5	10.2	5.4	2.9	1.7	1.3	1.0	0.7	0.5	0.3	1149
20	40.8	40.8	40.1	36.6	30.5	23.2	16.9	8.6	4.5	2.4	1.4	1.1	0.8	0.6	0.4	0.2	1462
21	36.3	36.2	35.6	32.1	26.1	19.1	13.9	6.8	3.5	1.8	1.0	0.7	0.5	0.4	0.3	0.1	1350
22	32.1	32.1	31.4	27.9	22.0	15.9	11.2	5.2	2.7	1.3	0.7	0.5	0.3	0.2	0.2	0.1	1197
23	28.4	28.4	27.7	24.3	18.5	13.1	9.1	4.0	2.0	0.8	0.4	0.3	0.1	0.1	0.1	0.0	1101
24	25.0	24.9	24.3	20.9	15.3	10.8	7.2	3.0	1.4	0.5	0.2	0.1	0.1	0.0	0.0	0.0	1019
25	21.8	21.8	21.1	17.8	12.7	8.9	5.8	2.2	0.9	0.3	0.1	0.0	0.0	0.0	0.0	0.0	987
26	18.8	18.7	18.1	14.8	10.5	7.2	4.5	1.6	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	930
27	15.9	15.8	15.2	12.1	8.5	5.7	3.4	1.1	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	837
28	13.3	13.3	12.6	9.7	6.8	4.4	2.4	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	727
29	11.0	11.0	10.4	7.6	5.3	3.4	1.9	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	558
30	9.3	9.3	8.7	6.2	4.4	2.7	1.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	617
31	7.4	7.4	6.9	4.8	3.2	1.9	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	558
32	5.7	5.7	5.2	3.6	2.2	1.2	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	487
33	4.2	4.2	3.7	2.5	1.6	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	337
34	3.1	3.1	2.8	1.9	1.2	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	268
35	2.3	2.3	2.0	1.4	0.8	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	254
36	1.5	1.5	1.3	0.9	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	179
37	1.0	1.0	0.8	0.5	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	131
38	0.6	0.6	0.5	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	87
39	0.3	0.3	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36
40	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37
41	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19
42	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5
NUMBER OF READINGS	10	224	1138	1995	2522	2782	5704	5132	4182	3138	1229	1135	1095	733	806	488	3231

TABLE 5

STATION:- BROOME AERO.

BUREAU OF METEOROLOGY NUMBER:- 03003

LATITUDE:- 17 57 E

LONGITUDE:- 122 15 S

ELEVATION:- 12m AMSL

PERIOD OF RECORD:- 1/ 1/1963 TO 31/12/1976

TABLE OF MISSING READINGS

TIME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0000	90	57	9	3	26	14	18	21	24	18	56	58	394
0300	44	34	5	9	24	23	22	26	29	25	39	41	321
0600	40	35	7	12	20	24	19	34	28	19	32	32	302
0900	32	29	2	0	4	1	7	5	2	6	30	32	150
1200	33	29	1	0	1	0	0	2	2	5	30	31	134
1500	42	33	4	8	7	1	1	0	1	5	30	31	163
1800	12	10	4	8	7	3	1	0	1	1	0	0	47
2100	402	368	434	420	434	420	434	434	415	434	420	432	5047
TOTAL	695	595	466	460	523	486	502	522	502	513	637	657	6558

STATION: - BROOME AERO.

TABLE 5 (a)

PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURES

TEMPERATURE (C)	MONTH												YEAR	CUMULATIVE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
5	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.0
8	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.1	99.9	0.1
9	0.0	0.0	0.0	0.0	0.1	0.5	1.1	0.2	0.0	0.0	0.0	0.0	0.2	99.7	0.1
10	0.0	0.0	0.0	0.0	0.2	0.8	1.8	0.5	0.0	0.0	0.0	0.0	0.3	99.4	0.3
11	0.0	0.0	0.0	0.0	0.2	1.5	2.3	0.8	0.1	0.0	0.0	0.0	0.4	99.0	0.6
12	0.0	0.0	0.0	0.0	0.5	1.8	3.4	1.7	0.2	0.0	0.0	0.0	0.7	98.3	1.0
13	0.0	0.0	0.0	0.0	0.5	2.4	3.5	2.6	0.5	0.0	0.0	0.0	0.8	97.5	1.7
14	0.0	0.0	0.0	0.1	1.4	2.6	3.6	3.4	0.7	0.0	0.0	0.0	1.0	96.5	2.5
15	0.0	0.0	0.0	0.2	1.5	3.7	3.8	3.1	0.9	0.0	0.0	0.0	1.1	95.3	3.5
16	0.0	0.0	0.0	0.6	2.5	4.6	3.9	4.6	1.8	0.0	0.0	0.0	1.6	93.8	4.7
17	0.0	0.0	0.0	0.9	3.3	4.8	3.9	4.6	2.7	0.4	0.0	0.0	1.8	92.0	6.2
18	0.0	0.0	0.1	1.1	4.2	5.0	5.5	4.4	3.2	0.7	0.0	0.0	2.1	89.9	8.0
19	0.0	0.0	0.1	1.4	3.8	4.8	5.0	4.3	3.2	0.6	0.0	0.0	2.0	87.9	10.1
20	0.0	0.0	0.1	1.5	5.1	6.3	5.4	5.2	4.4	1.7	0.1	0.0	2.6	85.4	12.1
21	0.0	0.1	0.5	2.6	6.4	6.4	7.5	5.1	4.6	2.0	0.3	0.1	3.1	82.3	14.6
22	0.1	0.1	0.9	3.0	5.4	6.4	7.8	6.9	5.9	3.7	0.4	0.2	3.5	78.8	17.7
23	0.6	1.1	1.6	5.2	6.6	7.5	5.8	8.7	7.1	5.9	1.1	0.5	4.4	74.4	21.2
24	1.3	2.5	3.3	5.7	6.2	6.8	5.0	6.6	7.8	8.4	3.0	1.2	4.9	69.4	25.6
25	4.4	4.7	6.7	5.7	7.2	5.7	5.3	5.8	8.9	10.3	5.5	1.9	6.1	63.4	30.6
26	6.1	6.1	7.1	7.1	7.2	5.7	5.0	7.1	8.7	10.4	11.1	5.3	7.3	56.1	36.6
27	9.2	10.2	8.6	7.5	7.3	5.8	4.6	5.9	9.2	11.0	16.0	10.7	8.7	47.4	43.9
28	14.6	14.1	11.3	9.2	6.3	4.9	4.9	4.6	7.7	9.7	13.0	15.1	9.4	37.9	52.6
29	14.4	15.6	11.9	9.6	4.8	4.4	4.2	3.8	6.3	9.3	10.0	13.7	8.8	29.1	62.1
30	12.9	14.0	10.3	7.8	4.7	3.2	2.4	3.9	3.9	7.7	11.3	11.7	7.6	21.5	70.9
31	14.1	12.6	12.3	7.7	5.0	2.2	2.3	2.8	3.2	6.3	11.1	13.9	7.6	13.9	78.5
32	11.0	10.9	10.4	7.9	3.6	1.1	0.8	1.6	2.8	3.2	7.9	12.8	6.0	7.9	86.1
33	6.2	4.8	6.5	4.9	3.3	0.3	0.5	1.0	2.4	2.1	3.7	6.4	3.5	4.4	92.1
34	2.5	1.6	2.7	4.1	1.7	0.1	0.1	0.7	1.8	1.6	1.3	2.7	1.7	2.7	95.6
35	1.5	0.6	2.6	3.2	0.8	0.0	0.0	0.1	1.1	1.0	1.0	1.4	1.1	1.6	97.3
36	0.6	0.2	1.6	1.9	0.2	0.0	0.0	0.1	0.7	1.3	1.0	1.1	0.7	0.9	98.4
37	0.4	0.3	0.7	0.7	0.0	0.0	0.0	0.0	0.3	0.6	0.5	0.8	0.4	0.5	99.1
38	0.2	0.2	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.8	0.7	0.4	0.2	0.3	99.5
39	0.1	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.6	0.2	0.2	0.1	99.7
40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.0	0.1	0.0	99.9
41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	100.0
NUMBER OF READINGS	2529	2349	3006	2900	2949	2874	2970	2950	2818	2959	2723	2815	33842		

STATION: - BROOME AERO.

TABLE 5 (b)

CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURES  
PERCENTAGE OF READINGS AT OR ABOVE GIVEN TEMPERATURE

TEMPERATURE (C)	MONTH												YEAR
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6	100.0	100.0	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0
7	100.0	100.0	100.0	100.0	100.0	99.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0
8	100.0	100.0	100.0	100.0	100.0	99.6	99.6	100.0	100.0	100.0	100.0	100.0	99.9
9	100.0	100.0	100.0	100.0	100.0	99.2	99.3	100.0	100.0	100.0	100.0	100.0	99.9
10	100.0	100.0	100.0	100.0	99.9	98.7	98.2	99.8	100.0	100.0	100.0	100.0	99.7
11	100.0	100.0	100.0	100.0	99.7	97.9	96.4	99.3	100.0	100.0	100.0	100.0	99.4
12	100.0	100.0	100.0	100.0	99.5	96.4	94.1	98.5	99.9	100.0	100.0	100.0	99.0
13	100.0	100.0	100.0	100.0	99.0	94.6	90.7	96.8	99.7	100.0	100.0	100.0	98.3
14	100.0	100.0	100.0	100.0	98.5	92.2	87.2	94.3	99.1	100.0	100.0	100.0	97.5
15	100.0	100.0	100.0	99.9	97.0	89.6	83.7	90.9	98.4	100.0	100.0	100.0	96.5
16	100.0	100.0	100.0	99.6	95.6	85.9	79.9	87.8	97.6	100.0	100.0	100.0	95.3
17	100.0	100.0	100.0	99.0	93.1	81.4	76.0	83.2	95.7	100.0	100.0	100.0	93.8
18	100.0	100.0	100.0	98.1	89.8	76.5	72.1	78.6	93.0	99.6	100.0	100.0	92.0
19	100.0	100.0	99.9	97.0	85.6	71.5	66.6	74.2	89.9	98.9	100.0	100.0	89.9
20	100.0	100.0	99.8	95.6	81.8	66.7	61.6	69.9	86.7	98.3	100.0	100.0	87.9
21	100.0	100.0	99.7	94.1	76.7	60.4	56.2	64.7	82.3	96.6	99.8	100.0	85.4
22	100.0	99.8	99.2	91.4	70.3	54.0	48.7	59.6	77.7	94.6	99.5	99.9	82.3
23	99.9	99.7	98.4	88.4	64.9	47.6	40.9	52.7	71.8	90.9	99.1	99.7	78.8
24	99.3	98.7	96.7	83.2	58.3	40.2	35.1	44.0	64.7	84.9	98.1	99.2	74.4
25	98.0	96.2	93.5	77.6	52.1	33.4	30.1	37.4	56.9	76.5	95.1	98.0	69.4
26	93.6	91.5	86.8	71.8	44.9	27.7	24.8	31.6	48.0	66.2	89.6	96.2	63.4
27	87.5	85.4	79.6	64.7	37.7	22.0	19.8	24.5	39.4	55.7	78.5	90.9	56.1
28	78.3	75.1	71.0	57.2	30.4	16.2	15.2	18.6	30.2	44.7	62.4	80.2	47.4
29	63.7	61.0	59.6	48.0	24.1	11.4	10.3	14.0	22.5	35.0	49.5	65.2	37.9
30	49.3	45.4	47.8	38.3	19.3	7.0	6.1	10.2	16.2	25.7	39.5	51.4	29.1
31	36.5	31.4	37.5	30.6	14.6	3.8	3.7	6.3	12.2	18.0	28.2	39.8	21.5
32	22.4	18.9	25.2	22.9	9.6	1.5	1.4	3.5	9.1	11.7	17.2	25.8	13.9
33	11.5	7.9	14.8	15.0	6.0	0.5	0.5	1.9	6.3	8.5	9.3	13.0	7.9
34	5.2	3.1	8.3	10.1	2.7	0.1	0.1	0.9	3.9	6.4	5.7	6.6	4.4
35	2.8	1.5	5.7	5.9	1.1	0.0	0.0	0.2	2.1	4.8	4.4	3.9	2.7
36	1.3	0.9	3.1	2.7	0.2	0.0	0.0	0.1	1.0	3.8	3.4	2.5	1.6
37	0.7	0.7	1.5	0.8	0.0	0.0	0.0	0.0	0.3	2.5	2.4	1.4	0.9
38	0.4	0.4	0.8	0.2	0.0	0.0	0.0	0.0	0.0	1.8	1.8	0.6	0.5
39	0.1	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.2	0.3	0.2
40	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.6	0.1	0.1
41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
42	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NUMBER OF READINGS	2529	2349	3006	2900	2949	2874	2970	2950	2818	2959	2723	2815	33842

STATION:- BROOME AERO.

TABLE 5 (c)

PERCENTAGE FREQUENCY DISTRIBUTIONS OF RELATIVE HUMIDITIES

RELATIVE HUMIDITY (%)	MONTH												CUMULATIVE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	ABOVE BELOW
3-4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
5-6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	100.0
7-8	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.1	0.1	0.0	0.1	99.9
9-10	0.4	0.0	0.0	0.0	0.0	0.0	0.1	0.5	0.7	0.3	0.2	0.0	0.2	99.7
11-12	0.8	0.1	0.0	0.2	0.1	0.0	0.5	0.7	0.4	0.8	0.3	0.0	0.2	99.4
13-14	3.2	0.3	0.0	0.2	0.4	0.7	0.7	1.2	1.1	0.5	0.6	0.1	0.7	98.7
15-16	3.1	0.4	0.1	0.4	0.8	1.5	1.7	1.6	1.8	0.9	0.6	0.1	1.1	97.6
17-18	0.9	0.0	0.2	1.1	1.1	1.6	2.4	2.1	1.5	0.6	0.2	0.1	1.0	96.6
19-20	0.2	0.1	0.2	1.1	2.0	2.6	3.2	1.5	1.5	0.7	0.3	0.3	1.2	95.4
21-22	0.1	0.0	0.3	1.5	1.9	4.0	3.2	2.3	1.4	0.8	0.3	0.2	1.4	94.0
23-24	0.1	0.0	0.5	1.6	2.8	3.0	3.9	2.4	1.8	0.9	0.3	0.2	1.5	92.5
25-26	0.0	0.1	0.5	1.2	2.3	3.1	3.2	2.0	1.3	0.7	0.4	0.2	1.3	91.2
27-28	0.1	0.0	0.6	1.9	3.1	2.9	3.0	2.7	1.5	0.8	0.2	0.2	1.5	89.7
29-30	0.1	0.1	0.7	1.6	2.2	3.2	3.0	2.3	1.5	0.6	0.3	0.4	1.4	88.4
31-35	0.2	0.2	1.8	4.6	5.1	6.7	7.6	6.1	5.1	2.6	1.4	1.0	3.6	84.7
36-40	0.4	0.3	1.6	4.7	5.9	6.6	7.0	6.1	5.1	2.5	1.5	1.2	3.7	81.0
41-45	0.6	0.5	1.9	4.8	6.9	5.5	6.5	6.3	3.8	3.0	1.9	1.8	3.7	77.3
46-50	1.6	0.7	3.2	4.6	6.8	7.4	6.1	5.6	4.6	3.8	2.5	2.2	4.2	73.1
51-55	2.9	1.9	4.0	6.4	6.9	6.8	5.6	5.4	5.3	5.2	6.1	5.3	5.2	67.9
56-60	6.2	3.7	5.0	6.6	6.6	5.5	5.7	5.7	5.5	7.8	10.0	9.7	6.5	61.4
61-65	9.1	7.9	7.6	7.8	5.2	5.3	4.4	5.4	6.0	10.9	14.7	12.2	8.0	53.4
66-70	14.0	14.1	11.8	8.1	5.2	4.7	3.6	5.2	7.0	9.9	12.4	15.6	9.1	44.3
71-72	5.5	6.2	4.9	3.0	2.4	2.3	1.4	2.2	3.1	3.7	5.4	6.3	3.8	40.5
73-74	6.2	6.9	5.2	3.2	2.0	1.8	1.3	2.3	2.8	3.5	5.2	5.7	3.7	36.7
75-76	5.3	7.0	4.9	3.6	1.8	1.7	1.6	2.2	2.6	3.4	4.7	6.1	3.7	33.0
77-78	5.3	6.1	4.8	2.8	2.5	2.4	1.3	1.9	3.1	4.2	5.1	4.8	3.6	29.4
79-80	5.5	7.6	4.8	3.3	2.2	1.6	1.3	1.4	2.5	4.0	5.3	5.5	3.7	25.8
81-82	4.1	5.1	3.7	2.9	2.6	1.8	2.0	2.2	2.9	3.5	3.7	3.7	3.1	22.6
83-84	4.8	7.0	5.1	2.8	2.5	1.5	2.0	2.1	2.5	4.0	4.4	4.1	3.5	19.1
85-86	3.3	4.5	4.1	3.2	2.2	2.0	1.8	2.7	3.1	3.9	3.4	3.4	3.1	16.0
87-88	4.0	4.9	4.9	2.8	2.2	1.7	1.5	2.4	2.4	3.0	3.5	2.9	3.0	13.1
89-90	2.8	3.4	3.5	3.4	3.0	2.5	2.1	2.8	3.9	2.8	1.8	1.7	2.8	10.2
91-92	2.5	3.5	5.3	3.2	2.8	1.9	2.0	2.6	2.8	3.0	1.4	1.6	2.7	7.5
93-94	1.9	2.3	3.4	2.7	3.3	2.6	3.8	3.4	4.2	2.5	0.6	1.2	2.7	4.8
95-96	2.8	3.0	3.4	3.0	3.0	3.0	2.5	2.6	4.0	3.2	0.9	1.2	2.7	2.1
97-98	1.5	1.3	1.7	1.2	1.1	1.1	1.8	1.8	1.8	1.3	0.1	0.6	1.3	0.8
NUMBER OF READINGS	2529	2349	3006	2900	2949	2874	2970	2950	2818	2959	2723	2815	33842	

STATION: - BROOME AERO.

TABLE 5 (d)

PERCENTAGE FREQUENCY DISTRIBUTION OF ABSOLUTE HUMIDITIES

DEW POINT (C)	VAPOUR PRESSURE (mbar)	MONTH												YEAR	CUMULATIVE	
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
-9	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	100.0	0.0
-8	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	99.9	0.0
-7	3.6	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	99.9	0.1
-6	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.0	0.0	0.0	0.0	99.9	0.1
-5	4.3	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.1	0.0	0.0	0.0	0.0	99.8	0.1
-4	4.6	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.3	0.2	0.1	0.0	0.0	0.1	99.7	0.2
-3	4.9	0.0	0.0	0.0	0.0	0.1	0.5	1.2	0.4	0.3	0.1	0.0	0.0	0.2	99.5	0.3
-2	5.3	0.0	0.0	0.0	0.0	0.2	0.6	1.3	0.8	0.5	0.1	0.0	0.0	0.3	99.2	0.5
-1	5.7	0.0	0.0	0.0	0.1	0.3	0.8	2.3	1.4	0.5	0.2	0.3	0.0	0.5	98.7	0.8
0	6.2	0.0	0.0	0.0	0.0	0.2	1.5	2.7	1.5	0.3	0.2	0.0	0.0	0.5	98.1	1.3
1	6.7	0.0	0.0	0.0	0.1	0.7	2.1	3.1	2.1	0.6	0.3	0.1	0.0	0.8	97.4	1.9
2	7.1	0.0	0.0	0.0	0.2	1.1	3.6	4.1	3.2	1.5	0.4	0.2	0.0	1.2	96.1	2.6
3	7.7	0.0	0.0	0.0	0.3	1.3	3.8	4.8	3.2	1.7	0.6	0.1	0.0	1.3	94.8	3.9
4	8.2	0.0	0.0	0.0	0.4	2.4	4.4	5.3	3.1	1.9	0.6	0.3	0.1	1.6	93.2	5.2
5	8.7	0.0	0.0	0.0	0.2	1.8	2.9	3.4	2.0	1.3	0.3	0.4	0.1	1.1	92.2	6.8
6	9.4	0.0	0.0	0.2	1.7	4.5	4.9	5.4	4.4	2.4	0.8	0.4	0.1	2.1	90.1	7.8
7	10.0	0.0	0.0	0.1	1.7	4.0	6.2	5.0	4.3	1.9	1.2	0.4	0.0	2.1	87.9	9.9
8	10.7	0.1	0.0	0.2	2.4	5.2	6.6	6.0	4.1	2.3	0.9	0.3	0.2	2.4	85.5	12.1
9	11.5	0.0	0.0	0.4	2.7	4.9	6.0	5.0	4.5	2.3	1.0	0.2	0.2	2.3	83.2	14.5
10	12.3	0.0	0.0	0.3	1.6	2.8	4.3	3.6	3.8	1.7	0.6	0.3	0.2	1.6	81.6	16.8
11	13.1	0.1	0.1	0.6	2.4	4.9	5.5	5.1	5.5	2.7	1.2	0.2	0.1	2.5	79.1	18.4
12	14.0	0.1	0.1	0.6	2.9	5.2	5.4	5.6	5.9	3.4	1.3	0.5	0.4	2.7	76.4	20.9
13	15.0	0.0	0.2	0.9	3.0	5.7	5.2	4.9	6.3	4.1	1.7	0.4	0.5	2.8	73.6	23.6
14	16.0	0.0	0.0	1.0	2.8	5.4	5.3	5.0	5.7	4.6	1.9	0.6	0.2	2.8	70.8	26.4
15	17.1	0.0	0.1	0.4	1.9	3.2	2.7	3.1	4.0	3.3	1.4	0.3	0.2	1.8	69.0	29.2
16	18.2	0.1	0.2	1.1	3.6	5.1	4.7	4.6	6.9	6.4	3.2	1.5	0.6	3.3	65.8	31.0
17	19.4	0.2	0.3	1.8	4.1	6.5	4.4	5.6	6.5	8.0	4.7	2.1	1.3	3.9	61.9	34.2
18	20.6	0.7	0.3	2.3	4.7	6.2	4.5	3.3	5.7	9.4	7.1	3.7	1.7	4.3	57.6	38.1
19	22.0	1.3	0.5	2.3	6.2	6.3	3.7	3.4	5.2	10.9	10.0	6.4	2.9	5.1	52.5	42.4
20	23.4	1.1	0.5	2.0	4.4	4.0	2.2	2.1	3.9	7.7	8.9	4.7	2.6	3.8	48.8	47.5
21	24.9	4.2	3.3	4.5	8.7	5.9	2.8	1.8	2.8	9.0	14.2	12.8	6.2	6.4	42.3	51.2
22	26.4	8.6	7.4	9.2	12.0	5.1	2.4	0.9	1.5	5.6	16.0	18.1	10.3	8.1	34.2	57.7
23	28.1	16.1	15.5	16.9	13.3	3.4	1.2	0.4	0.4	3.7	11.9	22.1	18.9	10.2	24.1	65.8
24	29.8	30.4	29.5	20.4	9.4	2.3	0.9	0.1	0.0	1.1	6.1	15.3	26.8	11.3	12.8	75.9
25	31.7	17.2	17.1	12.7	5.1	0.8	0.2	0.0	0.0	0.1	1.8	5.7	15.4	6.0	6.7	87.2
26	33.6	14.8	16.3	12.9	3.3	0.3	0.2	0.0	0.0	0.0	1.0	2.5	8.5	4.7	2.1	93.3
27	35.6	4.4	6.6	7.2	0.7	0.1	0.0	0.0	0.0	0.0	0.2	0.3	1.8	1.7	0.4	97.9
28	37.8	0.5	1.7	1.8	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.0	99.6
29	40.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
NUMBER OF READINGS		2313	2332	3006	2900	2949	2675	2779	2950	2818	2959	2723	2815	33219		

NUMBER OF DEW POINTS GREATER THAN 38C 0  
NUMBER OF DEW POINTS LESS THAN -15C 0

STATION:- BROOME AERO.

TABLE 5 (e)

## DOUBLE CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION FOR TEMPERATURE AND RELATIVE HUMIDITY

PERCENTAGE OF READINGS AT OR ABOVE GIVEN CONDITIONS  
RELATIVE HUMIDITY (%)

TEMPERATURE (C)	0	5	10	15	20	25	30	40	50	60	70	75	80	85	90	95	NUMBER OF READINGS
5	100.0	100.0	99.7	98.2	95.4	91.9	88.4	81.0	73.1	61.4	44.3	34.8	25.8	17.5	10.2	3.2	2
6	100.0	100.0	99.7	98.2	95.4	91.9	88.4	81.0	73.1	61.4	44.2	34.8	25.7	17.5	10.2	3.2	10
7	100.0	99.9	99.7	98.2	95.4	91.9	88.3	81.0	73.1	61.3	44.2	34.8	25.7	17.5	10.2	3.2	10
8	99.9	99.9	99.7	98.2	95.3	91.8	88.3	81.0	73.1	61.3	44.2	34.8	25.7	17.5	10.2	3.2	21
9	99.9	99.9	99.6	98.1	95.3	91.8	88.2	80.9	73.0	61.3	44.2	34.7	25.7	17.5	10.2	3.2	56
10	99.7	99.7	99.4	97.9	95.1	91.6	88.1	80.7	72.9	61.2	44.1	34.7	25.6	17.4	10.2	3.2	96
11	99.4	99.4	99.1	97.7	94.8	91.3	87.8	80.5	72.6	60.9	43.9	34.5	25.5	17.3	10.1	3.2	143
12	99.0	99.0	98.7	97.2	94.4	90.9	87.4	80.1	72.3	60.7	43.7	34.3	25.3	17.2	10.0	3.2	222
13	98.3	98.3	98.1	96.6	93.7	90.2	86.7	79.4	71.7	60.2	43.3	34.0	25.0	17.0	9.9	3.1	280
14	97.5	97.5	97.2	95.7	92.9	89.4	85.9	78.7	71.1	59.6	42.8	33.5	24.6	16.6	9.7	3.0	346
15	96.5	96.5	96.2	94.7	91.9	88.4	84.9	77.7	70.3	59.0	42.2	33.0	24.2	16.3	9.4	2.9	385
16	95.3	95.3	95.1	93.6	90.8	87.3	83.7	76.7	69.4	58.2	41.6	32.5	23.7	15.9	9.2	2.8	525
17	93.8	93.8	93.5	92.0	89.2	85.7	82.2	75.3	68.2	57.2	40.7	31.6	22.9	15.3	8.8	2.7	600
18	92.0	92.0	91.8	90.3	87.4	83.9	80.5	73.8	66.8	56.1	39.8	30.7	22.1	14.6	8.3	2.5	706
19	89.9	89.9	89.7	88.2	85.4	81.9	78.5	72.0	65.3	54.8	38.6	29.7	21.2	13.8	7.7	2.3	681
20	87.9	87.9	87.7	86.2	83.4	79.9	76.6	70.4	63.9	53.6	37.6	28.7	20.3	13.0	7.2	2.1	869
21	85.4	85.3	85.1	83.6	80.8	77.4	74.3	68.3	62.1	52.0	36.3	27.5	19.2	12.1	6.5	1.8	1038
22	82.3	82.3	82.0	80.5	77.7	74.5	71.5	65.7	59.9	50.2	34.7	26.1	18.0	11.2	5.8	1.6	1189
23	78.8	78.8	78.5	77.0	74.2	71.2	68.3	62.9	57.5	48.1	32.9	24.5	16.7	10.2	5.2	1.4	1497
24	74.4	74.3	74.1	72.6	69.8	67.0	64.2	59.2	54.2	45.3	30.5	22.4	15.0	8.9	4.4	1.1	1660
25	69.4	69.4	69.2	67.7	65.1	62.3	59.7	55.1	50.5	41.9	27.7	19.9	12.9	7.3	3.4	0.8	2052
26	63.4	63.4	63.1	61.6	59.2	56.6	54.1	49.9	45.6	37.4	23.9	16.7	10.2	5.4	2.3	0.4	2456
27	56.1	56.1	55.9	54.4	52.2	49.8	47.5	43.8	39.9	32.3	19.7	13.0	7.3	3.4	1.2	0.1	2961
28	47.4	47.4	47.1	45.7	43.7	41.6	39.5	36.2	32.9	26.1	14.7	9.0	4.5	1.8	0.6	0.1	3198
29	37.9	37.9	37.7	36.4	34.7	32.8	31.2	28.3	25.5	19.4	9.3	4.9	2.0	0.7	0.1	0.0	2980
30	29.1	29.1	28.9	27.7	26.3	24.7	23.3	21.0	18.6	13.4	5.1	2.1	0.6	0.2	0.0	0.0	2582
31	21.5	21.5	21.3	20.3	19.1	17.8	16.7	14.8	12.7	8.4	2.5	0.9	0.2	0.0	0.0	0.0	2574
32	13.9	13.9	13.7	13.0	12.0	11.0	10.1	8.6	7.1	3.9	0.9	0.2	0.0	0.0	0.0	0.0	2032
33	7.9	7.9	7.7	7.2	6.4	5.6	4.9	3.8	2.7	1.1	0.1	0.0	0.0	0.0	0.0	0.0	1168
34	4.4	4.4	4.3	3.9	3.3	2.6	2.1	1.4	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	583
35	2.7	2.7	2.6	2.2	1.8	1.4	1.0	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	379
36	1.6	1.6	1.5	1.2	1.0	0.7	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	247
37	0.9	0.9	0.8	0.6	0.5	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	121
38	0.5	0.5	0.4	0.3	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	81
39	0.3	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	61
40	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18
41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9
42	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
NUMBER OF READINGS	4	88	510	958	1189	1194	2479	2681	3975	5791	3197	3066	2787	2467	2379	1089	33854

TABLE 6

STATION:- CAIRNS AERO

BUREAU OF METEOROLOGY NUMBER:- 31011

LATITUDE:- 16 55 E

LONGITUDE:- 145 44 S

ELEVATION:- 3m AMSL

PERIOD OF RECORD:- 1/10/1962 TO 31/12/1976

TABLE OF MISSING READINGS

TIME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0000	379	350	356	361	378	374	390	351	361	389	376	382	4447
0300	4	3	2	1	2	1	1	2	0	2	0	1	19
0600	2	1	1	2	1	1	0	1	0	1	2	0	12
0900	1	1	2	2	0	0	0	0	0	0	0	0	6
1200	0	0	2	1	0	0	0	0	0	0	0	0	3
1500	0	0	3	0	1	0	0	0	0	0	2	0	6
1800	0	0	1	0	0	0	0	0	0	1	0	0	2
2100	33	28	4	0	1	1	0	1	0	3	0	1	72
TOTAL	419	383	371	367	383	377	391	355	361	396	380	384	4567

STATION:- CAIRNS AERO

TABLE 6 (a)

## PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURES

TEMPERATURE (C)	MONTH												YEAR	CUMULATIVE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
10	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.3	0.4	0.0	0.0	0.0	0.0	0.0	0.1	99.9	0.0
12	0.0	0.0	0.0	0.0	0.0	0.4	0.7	0.3	0.0	0.0	0.0	0.0	0.1	99.8	0.1
13	0.0	0.0	0.0	0.0	0.1	0.7	0.9	0.3	0.2	0.0	0.0	0.0	0.2	99.6	0.2
14	0.0	0.0	0.0	0.0	0.1	1.0	1.9	1.0	0.2	0.0	0.0	0.0	0.4	99.2	0.4
15	0.0	0.0	0.0	0.0	0.4	1.7	2.3	1.4	0.6	0.0	0.0	0.0	0.6	98.7	0.8
16	0.0	0.0	0.0	0.0	0.8	2.4	2.8	2.4	0.6	0.1	0.0	0.0	0.8	97.9	1.3
17	0.0	0.0	0.0	0.2	1.3	3.2	5.2	3.5	2.0	0.4	0.0	0.0	1.3	96.6	2.1
18	0.0	0.0	0.0	0.4	2.0	5.5	7.1	5.0	3.7	1.0	0.1	0.0	2.1	94.5	3.4
19	0.0	0.0	0.1	0.8	3.3	7.4	10.1	7.1	5.3	2.6	0.1	0.1	3.1	91.4	5.5
20	0.1	0.1	0.2	1.8	6.0	11.7	12.8	10.2	7.5	4.0	1.1	0.2	4.7	86.7	8.6
21	0.3	0.1	0.5	4.8	10.7	15.6	14.0	14.1	10.3	6.8	2.9	1.0	6.8	79.9	13.3
22	1.4	1.4	2.3	11.2	17.4	13.7	11.8	12.6	11.5	10.3	5.4	2.8	8.5	71.4	20.1
23	4.8	6.8	8.5	15.4	15.9	10.9	8.4	9.3	11.8	10.2	9.3	7.5	9.9	61.5	28.6
24	12.3	13.2	16.3	15.5	11.7	7.6	7.8	8.2	10.4	9.6	9.1	11.5	11.1	50.4	38.5
25	13.5	15.3	16.1	13.0	8.5	6.9	6.5	9.0	8.6	9.6	8.6	11.0	10.5	39.9	49.6
26	11.5	13.2	13.8	10.4	7.8	6.3	5.4	9.0	9.5	11.5	9.4	10.0	9.8	30.1	60.1
27	9.4	11.0	11.4	8.4	7.8	3.1	1.5	4.8	9.9	11.7	13.9	10.5	8.6	21.5	69.9
28	10.9	10.4	9.8	7.5	4.4	1.0	0.4	1.4	5.4	10.3	14.4	12.1	7.3	14.2	78.5
29	10.5	10.3	7.7	6.2	1.4	0.2	0.0	0.4	1.4	7.9	13.2	12.8	6.0	8.2	85.8
30	10.6	8.5	7.4	3.3	0.2	0.0	0.0	0.0	0.5	3.1	7.3	10.4	4.2	3.9	91.8
31	8.8	5.6	4.5	0.9	0.1	0.0	0.0	0.0	0.2	0.7	3.7	6.6	2.6	1.4	96.1
32	3.7	2.5	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.6	2.3	0.9	0.5	98.6
33	1.2	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.7	0.3	0.2	99.5
34	0.5	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.1	99.8
35	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1	99.9
36	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	99.9
37	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	100.0
NUMBER OF READINGS	3053	2785	3101	2993	3089	2983	3081	3117	2999	3076	2980	3088	36345		

STATION: - CAIRNS AERO

TABLE 6 (b)

CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURES													
TEMPERATURE (C)	PERCENTAGE OF READINGS AT OR ABOVE GIVEN TEMPERATURE												
	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
10	100.0	100.0	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0
11	100.0	100.0	100.0	100.0	100.0	99.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0
12	100.0	100.0	100.0	100.0	100.0	99.6	99.5	100.0	100.0	100.0	100.0	100.0	99.9
13	100.0	100.0	100.0	100.0	99.9	99.1	98.8	99.7	100.0	100.0	100.0	100.0	99.8
14	100.0	100.0	100.0	100.0	99.8	98.4	97.9	99.4	99.8	100.0	100.0	100.0	99.6
15	100.0	100.0	100.0	100.0	99.7	97.4	96.0	98.4	99.6	100.0	100.0	100.0	99.2
16	100.0	100.0	100.0	100.0	99.3	95.7	93.7	97.0	99.0	100.0	100.0	100.0	98.7
17	100.0	100.0	100.0	100.0	98.4	93.2	90.9	94.6	98.3	99.8	100.0	100.0	97.9
18	100.0	100.0	100.0	99.8	97.2	90.1	85.7	91.1	96.3	99.4	100.0	100.0	96.6
19	100.0	100.0	100.0	99.4	95.1	84.5	78.5	86.1	92.6	98.4	99.9	100.0	94.5
20	100.0	100.0	99.9	98.6	91.8	77.1	68.5	79.0	87.2	95.9	99.8	99.9	91.4
21	99.9	99.9	99.8	96.8	85.8	65.4	55.7	68.8	79.7	91.8	98.7	99.7	86.7
22	99.7	99.7	99.3	92.0	75.1	49.8	41.7	54.7	69.4	85.1	95.8	98.7	79.9
23	98.2	98.3	97.0	80.8	57.7	36.1	29.9	42.1	57.9	74.8	90.4	95.9	71.4
24	93.4	91.6	88.5	65.4	41.8	25.2	21.6	32.8	46.1	64.6	81.0	88.4	61.5
25	81.0	78.3	72.2	49.9	30.1	17.6	13.8	24.6	35.6	55.0	71.9	76.8	50.4
26	67.6	63.0	56.1	37.0	21.6	10.7	7.3	15.6	27.0	45.4	63.3	65.8	39.9
27	56.1	49.8	42.3	26.5	13.8	4.4	1.9	6.7	17.5	33.9	53.9	55.8	30.1
28	46.7	38.8	30.9	18.1	6.0	1.3	0.4	1.8	7.6	22.2	40.0	45.4	21.5
29	35.8	28.3	21.1	10.6	1.7	0.2	0.0	0.4	2.1	11.9	25.6	33.3	14.2
30	25.3	18.0	13.3	4.4	0.3	0.0	0.0	0.0	0.7	4.0	12.4	20.5	8.2
31	14.7	9.5	6.0	1.0	0.1	0.0	0.0	0.0	0.3	1.0	5.1	10.1	3.9
32	5.9	3.9	1.5	0.2	0.0	0.0	0.0	0.0	0.1	0.2	1.3	3.4	1.4
33	2.2	1.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.7	1.1	0.5
34	1.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.5	0.2
35	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.1
36	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
37	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
38	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NUMBER OF READINGS	3053	2785	3101	2993	3089	2983	3081	3117	2999	3076	2980	3088	36345

STATION:- CAIRNS AERO

TABLE 6 (c)

## PERCENTAGE FREQUENCY DISTRIBUTIONS OF RELATIVE HUMIDITIES

RELATIVE HUMIDITY (%)	MONTH												YEAR	CUMULATIVE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
3-4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
5-6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
7-8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
9-10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
11-12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	100.0	0.0
13-14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
15-16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
17-18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
19-20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
21-22	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.0	99.9	0.0
23-24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	99.9	0.1
25-26	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	99.9	0.1
27-28	0.1	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.1	0.0	0.1	0.1	0.1	99.8	0.1
29-30	0.0	0.0	0.0	0.1	0.0	0.2	0.2	0.3	0.4	0.1	0.1	0.0	0.0	99.7	0.2
31-35	0.1	0.0	0.1	0.2	0.1	0.4	1.0	0.8	0.6	0.3	0.2	0.0	0.0	99.4	0.3
36-40	0.4	0.1	0.1	0.5	0.4	0.8	1.1	1.4	1.9	1.0	0.4	0.5	0.0	98.7	0.6
41-45	0.9	0.5	0.6	1.1	1.1	2.1	3.0	2.3	3.1	2.6	1.5	1.4	1.7	97.0	1.3
46-50	2.3	1.4	1.0	1.4	2.0	3.5	4.2	4.3	5.2	5.3	3.4	2.8	3.1	93.9	3.0
51-55	4.8	2.9	2.7	3.6	3.5	4.6	6.5	7.3	8.6	7.4	6.0	6.0	5.2	88.6	6.1
56-60	7.3	4.4	4.3	5.9	6.8	6.4	8.5	9.6	9.7	10.6	9.2	8.5	7.6	80.9	11.4
61-65	9.8	7.3	6.6	6.8	8.1	9.8	10.0	9.2	12.0	12.2	14.1	11.3	9.8	71.2	19.1
66-70	10.9	9.5	9.2	10.7	9.7	10.7	10.5	11.0	11.4	13.1	13.6	11.9	11.0	60.1	28.8
71-72	4.4	3.8	4.0	4.0	3.9	4.5	4.9	4.7	4.3	4.4	5.3	4.6	4.4	55.7	39.9
73-74	5.6	5.5	4.7	6.0	5.2	5.2	5.4	4.8	5.4	5.7	5.8	6.0	5.4	50.3	44.3
75-76	4.7	4.3	4.5	4.4	5.7	5.0	5.8	5.0	4.2	4.3	4.9	5.5	4.9	45.4	49.7
77-78	5.0	6.2	6.1	5.9	6.9	5.7	4.9	5.5	5.0	6.1	6.2	5.9	5.8	39.6	54.6
79-80	5.1	5.9	6.0	5.5	5.9	5.9	5.4	4.8	5.0	5.0	5.1	4.3	5.3	34.3	60.4
81-82	5.8	6.0	5.8	6.5	5.8	5.0	4.8	5.4	4.5	4.8	5.2	5.9	5.5	28.9	65.7
83-84	5.0	6.2	6.5	5.9	5.6	5.9	5.4	6.0	5.0	4.4	5.3	5.9	5.6	23.3	71.1
85-86	5.5	6.7	6.1	6.1	6.2	4.3	4.4	4.2	3.1	4.0	3.7	4.2	4.9	18.4	76.7
87-88	5.3	5.4	5.7	6.7	6.3	5.7	4.3	4.2	3.5	3.5	3.4	3.9	4.8	13.6	81.6
89-90	5.5	6.9	7.2	6.4	6.9	5.2	3.5	3.2	3.5	2.3	2.6	4.4	4.8	8.8	86.4
91-92	4.6	6.4	6.6	4.7	4.4	3.9	2.7	2.1	1.4	1.3	1.6	2.6	3.5	5.2	91.2
93-94	3.6	5.0	5.5	3.5	3.3	3.1	2.2	1.9	1.3	0.7	0.9	2.0	2.7	2.5	94.7
95-96	2.4	4.2	4.6	2.6	1.7	1.9	0.8	0.9	0.5	0.4	0.7	1.3	1.8	0.7	97.5
97-98	0.8	0.9	1.2	0.8	0.3	0.1	0.2	0.3	0.0	0.1	0.2	0.4	0.4	0.3	99.3
NUMBER OF READINGS	3053	2785	3101	2993	3089	2983	3081	3117	2999	3076	2980	3088	36345		

STATION:- CAIRNS AERO

TABLE 6 (d)

## PERCENTAGE FREQUENCY DISTRIBUTION OF ABSOLUTE HUMIDITIES

DEW POINT (C)	VAPOUR PRESSURE (mbar)	MONTH												YEAR	CUMULATIVE	
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
-3	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
-2	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
-1	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
0	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
1	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.0
2	7.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.1
3	7.7	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	99.9	0.1
4	8.2	0.0	0.0	0.0	0.0	0.0	0.3	0.5	0.2	0.0	0.0	0.0	0.0	0.0	99.8	0.1
5	8.7	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.2	0.0	0.0	0.0	0.0	0.0	99.7	0.2
6	9.4	0.0	0.0	0.0	0.0	0.1	0.4	0.6	0.1	0.1	0.1	0.0	0.0	0.0	99.6	0.3
7	10.0	0.0	0.0	0.0	0.0	0.2	0.9	1.5	0.5	0.2	0.1	0.0	0.0	0.0	99.3	0.4
8	10.7	0.0	0.0	0.0	0.0	0.2	1.6	2.1	0.9	0.5	0.1	0.0	0.0	0.0	98.9	0.7
9	11.5	0.0	0.0	0.0	0.0	0.4	1.4	2.8	1.6	1.0	0.1	0.0	0.0	0.0	98.3	1.1
10	12.3	0.0	0.0	0.0	0.1	0.5	1.6	1.9	1.8	0.8	0.2	0.1	0.0	0.0	97.7	1.7
11	13.1	0.0	0.0	0.1	0.1	0.9	3.0	5.6	3.0	1.8	0.5	0.1	0.1	0.0	96.4	2.3
12	14.0	0.1	0.0	0.1	0.6	1.8	3.6	6.0	3.9	2.7	0.8	0.1	0.0	0.0	94.7	3.6
13	15.0	0.0	0.0	0.0	0.5	2.2	4.8	7.1	6.1	5.4	1.6	0.2	0.1	0.0	92.4	5.3
14	16.0	0.0	0.0	0.1	0.5	3.1	6.9	9.9	9.7	7.1	2.8	0.4	0.2	0.0	88.9	7.6
15	17.1	0.1	0.0	0.0	0.7	3.1	5.5	7.9	7.0	6.3	3.3	0.6	0.4	0.0	86.0	11.1
16	18.2	0.2	0.0	0.5	2.5	6.5	12.8	13.9	15.3	14.4	8.8	2.8	1.1	0.0	79.4	14.0
17	19.4	0.6	0.3	1.3	4.6	11.4	16.9	15.9	18.7	20.2	15.1	5.1	2.8	0.0	69.9	20.6
18	20.6	1.7	0.9	2.5	10.2	15.5	17.6	14.4	16.2	19.6	21.1	10.0	6.7	0.0	58.5	30.1
19	22.0	4.6	2.8	5.2	18.9	20.5	12.0	6.3	9.5	11.0	17.5	15.9	10.8	0.0	47.2	41.5
20	23.4	7.9	3.9	4.9	13.1	12.5	6.4	1.7	2.6	4.0	7.5	13.5	9.2	0.0	39.9	52.8
21	24.9	16.8	14.8	16.6	23.1	13.5	3.1	0.8	2.1	2.9	10.0	20.0	18.0	0.0	28.1	60.1
22	26.4	24.2	26.5	24.8	16.7	6.0	0.7	0.1	0.6	1.4	6.5	16.2	21.3	0.0	16.1	71.9
23	28.1	26.0	29.2	26.4	6.6	1.5	0.1	0.0	0.0	0.3	2.9	10.0	17.4	0.0	6.2	83.9
24	29.8	12.6	16.3	13.1	1.5	0.2	0.0	0.0	0.0	0.0	0.8	3.7	8.2	0.0	1.6	93.8
25	31.7	3.6	4.1	3.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.5	2.7	0.0	0.4	98.4
26	33.6	1.2	1.1	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.0	0.0	0.0	99.6
NUMBER OF READINGS		3053	2785	3101	2991	3087	2980	3081	3117	2997	3075	2979	3087	36333		

NUMBER OF DEW POINTS GREATER THAN 38C 0  
NUMBER OF DEW POINTS LESS THAN -15C 0

STATION:- CAIRNS AERO

TABLE 6 (e)

DOUBLE CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION FOR TEMPERATURE AND RELATIVE HUMIDITY

TEMPERATURE (C)	PERCENTAGE OF READINGS AT OR ABOVE GIVEN CONDITIONS																NUMBER READING	
	RELATIVE HUMIDITY (%)																	
	0	5	10	15	20	25	30	40	50	60	70	75	80	85	90	95		
10	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.7	98.7	93.9	80.9	60.1	47.7	34.3	20.8	8.8	1.4	2
11	100.0	100.0	100.0	100.0	99.9	99.9	99.7	98.7	93.9	80.9	60.1	47.7	34.3	20.8	8.8	1.4	2	
12	99.9	99.9	99.9	99.9	99.9	99.8	99.6	98.6	93.9	80.9	60.1	47.6	34.3	20.8	8.8	1.4	2	
13	99.8	99.8	99.8	99.8	99.8	99.7	99.5	98.5	93.7	80.8	60.0	47.6	34.2	20.8	8.8	1.4	2	
14	99.6	99.6	99.6	99.6	99.6	99.5	99.3	98.3	93.6	80.6	59.8	47.4	34.1	20.7	8.7	1.4	2	
15	99.2	99.2	99.2	99.2	99.2	99.2	99.0	97.9	93.2	80.2	59.5	47.1	33.9	20.6	8.7	1.4	2	
16	98.7	98.7	98.7	98.7	98.7	98.6	98.4	97.4	92.7	79.7	59.0	46.7	33.6	20.3	8.6	1.4	2	
17	97.9	97.9	97.9	97.9	97.9	97.8	97.6	96.6	91.9	79.0	58.4	46.2	33.2	20.0	8.4	1.4	2	
18	96.6	96.6	96.6	96.6	96.5	96.5	96.3	95.3	90.6	77.8	57.4	45.3	32.5	19.6	8.2	1.2	2	
19	94.5	94.5	94.5	94.5	94.5	94.4	94.2	93.2	88.6	75.8	55.7	43.9	31.4	18.8	7.8	1.3	2	
20	91.4	91.4	91.4	91.4	91.4	91.3	91.1	90.1	85.5	73.0	53.2	41.8	29.6	17.6	7.4	1.2	2	
21	86.7	86.7	86.7	86.7	86.7	86.6	86.5	85.5	81.0	68.7	49.5	38.3	27.0	16.1	7.0	1.2	2	
22	79.9	79.9	79.9	79.9	79.9	79.8	79.7	78.7	74.3	62.3	43.9	33.8	23.7	14.3	6.3	1.1	2	
23	71.4	71.4	71.4	71.4	71.4	71.3	71.2	70.3	66.0	54.3	37.0	28.1	19.7	11.9	5.3	0.9	2	
24	61.5	61.5	61.5	61.5	61.4	61.4	61.3	60.5	56.4	45.2	29.3	21.7	14.8	8.6	3.7	0.6	2	
25	50.4	50.4	50.4	50.4	50.4	50.3	50.2	49.5	45.8	35.2	20.9	14.6	9.0	4.7	1.7	0.2	2	
26	39.9	39.9	39.9	39.8	39.8	39.8	39.7	39.1	35.7	26.3	13.9	8.6	4.5	1.9	0.5	0.1	2	
27	30.1	30.1	30.1	30.0	30.0	30.0	29.9	29.4	26.6	18.7	8.6	4.4	1.7	0.6	0.1	0.0	2	
28	21.5	21.5	21.5	21.5	21.4	21.4	21.3	20.9	18.6	12.5	4.7	2.0	0.6	0.1	0.0	0.0	2	
29	14.2	14.2	14.2	14.1	14.1	14.1	14.1	13.7	12.0	7.5	2.1	0.7	0.1	0.0	0.0	0.0	2	
30	8.2	8.2	8.2	8.2	8.2	8.1	8.1	7.9	6.7	3.6	0.7	0.2	0.0	0.0	0.0	0.0	2	
31	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.7	3.0	1.2	0.1	0.0	0.0	0.0	0.0	0.0	2	
32	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.2	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	2	
33	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2	
34	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2	
35	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2	
36	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2	
37	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2	
38	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2	
NUMBER OF READINGS	36	32	35	11	20	66	379	1728	4718	7566	4528	4890	5040	4377	2673	520	36619	

TABLE 7

STATION:- CANBERRA M.O.

BUREAU OF METEOROLOGY NUMBER:- 70014

LATITUDE:- 35 18 E

LONGITUDE:- 149 12 S

ELEVATION:- 571m AMSL

PERIOD OF RECORD:- 1/11/1962 TO 31/12/1976

TABLE OF MISSING READINGS

TIME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0000	62	34	42	23	28	14	21	3	0	3	53	31	314
0300	3	1	3	10	35	47	48	21	8	11	3	3	193
0600	5	6	7	23	48	70	70	36	31	13	5	2	316
0900	1	0	3	7	17	39	34	17	7	1	0	2	128
1200	1	0	0	0	3	4	1	0	0	0	0	0	9
1500	1	0	1	0	1	1	0	0	0	0	0	0	4
1800	1	0	0	0	2	1	0	0	1	0	0	0	5
2100	1	1	0	1	3	5	7	1	0	1	0	0	20
TOTAL	75	42	56	64	137	181	181	78	47	29	61	38	989

STATION: - CANBERRA M.O.

TABLE 7 (a)

## PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURES

TEMPERATURE (C)	MONTH												YEAR	CUMULATIVE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
-7	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
-6	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.1	0.0	0.0	0.0	0.0	0.0	100.0	0.0
-5	0.0	0.0	0.0	0.0	0.2	0.2	0.7	0.2	0.0	0.0	0.0	0.0	0.1	99.8	0.0
-4	0.0	0.0	0.0	0.0	0.2	0.8	1.4	0.4	0.0	0.0	0.0	0.0	0.2	99.6	0.2
-3	0.0	0.0	0.0	0.0	0.4	1.5	1.8	0.9	0.2	0.0	0.0	0.0	0.4	99.2	0.4
-2	0.0	0.0	0.0	0.0	1.0	2.2	2.9	1.7	0.7	0.0	0.0	0.0	0.7	98.5	0.8
-1	0.0	0.0	0.0	0.2	1.0	2.7	3.5	1.9	0.8	0.1	0.0	0.0	0.8	97.7	1.5
0	0.0	0.0	0.0	0.2	1.4	2.7	2.9	2.0	1.4	0.1	0.0	0.0	0.9	96.8	2.3
1	0.0	0.0	0.1	0.4	2.4	4.5	4.5	3.6	2.1	0.6	0.0	0.0	1.5	95.3	3.2
2	0.0	0.0	0.1	1.2	3.5	4.1	4.6	4.2	2.6	0.9	0.3	0.0	1.8	93.6	4.7
3	0.0	0.0	0.2	1.2	3.6	4.6	6.5	5.0	3.5	1.6	0.6	0.1	2.2	91.3	6.4
4	0.0	0.0	0.3	1.8	4.8	5.9	8.0	6.8	4.1	2.2	0.8	0.1	2.9	88.5	8.7
5	0.1	0.0	0.3	1.9	4.0	6.3	7.5	6.9	4.2	2.8	1.2	0.4	2.9	85.5	11.5
6	0.2	0.2	0.8	2.8	7.2	8.0	9.7	9.5	6.8	2.8	1.7	0.8	4.2	81.3	14.5
7	0.3	0.3	1.0	4.0	8.4	10.5	10.5	9.5	7.0	4.2	2.5	0.8	4.9	76.4	18.7
8	0.4	0.4	1.5	5.0	7.7	9.3	9.1	10.1	8.3	4.9	3.2	1.5	5.1	71.3	23.6
9	0.9	0.7	1.6	5.4	8.4	9.8	6.7	8.8	8.5	6.2	3.7	2.0	5.2	66.1	28.7
10	1.4	1.1	2.9	5.5	7.4	7.8	6.2	8.0	7.9	7.8	5.5	2.5	5.3	60.8	33.9
11	2.3	1.9	3.6	7.1	7.1	7.1	5.6	5.9	8.0	7.7	6.4	3.3	5.5	55.3	39.2
12	3.3	3.0	4.9	6.8	7.5	4.8	3.5	5.8	7.7	8.3	8.2	5.0	5.8	49.6	44.7
13	4.0	4.0	5.7	9.0	6.1	3.3	2.3	3.8	6.6	7.4	7.4	6.6	5.5	44.0	50.4
14	5.2	5.2	6.9	7.7	5.4	2.1	1.0	2.1	4.4	7.8	7.6	5.9	5.1	38.9	56.0
15	6.7	6.2	8.0	7.0	3.9	1.1	0.3	1.2	4.5	7.2	6.3	6.7	4.9	33.9	61.1
16	7.5	7.5	8.7	6.8	2.9	0.3	0.3	0.6	2.8	4.9	7.1	6.8	4.7	29.2	66.1
17	8.1	8.7	7.0	6.3	2.2	0.3	0.1	0.6	2.4	4.7	6.0	6.6	4.4	24.8	70.8
18	6.9	9.0	8.1	5.0	1.3	0.0	0.0	0.3	1.8	4.2	5.2	6.7	4.1	20.7	75.2
19	7.2	7.8	6.7	3.6	0.8	0.0	0.0	0.3	1.3	3.7	4.8	5.4	3.5	17.3	79.3
20	5.6	5.4	5.1	3.0	0.7	0.0	0.0	0.1	0.9	2.2	4.2	5.5	2.7	14.5	82.7
21	5.8	6.2	5.1	2.6	0.3	0.0	0.0	0.0	0.6	2.1	3.3	4.8	2.6	12.0	85.5
22	4.9	5.6	4.5	2.1	0.2	0.0	0.0	0.0	0.4	2.1	3.3	4.3	2.3	9.7	88.0
23	4.8	4.3	3.8	1.5	0.1	0.0	0.0	0.0	0.2	1.3	2.3	4.1	1.9	7.8	90.3
24	3.6	3.5	3.2	0.8	0.0	0.0	0.0	0.0	0.1	0.9	2.2	3.2	1.5	6.3	92.2
25	3.7	3.2	2.2	0.5	0.0	0.0	0.0	0.0	0.1	0.9	1.6	2.9	1.3	5.1	93.7
26	3.1	3.3	2.2	0.3	0.0	0.0	0.0	0.0	0.0	0.4	1.2	3.1	1.1	3.9	94.9
27	3.3	2.7	1.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.9	1.0	2.9	96.1
28	2.3	2.8	1.3	0.1	0.0	0.0	0.0	0.0	0.0	0.1	1.0	2.6	0.9	2.1	97.1
29	1.7	2.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.8	0.6	1.5	97.9
30	2.1	1.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.5	0.5	1.0	98.5
31	1.5	1.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.9	0.4	0.7	99.0
32	1.1	1.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.8	0.3	0.4	99.3
33	0.8	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.2	99.6
34	0.5	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	99.8
35	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	99.9
36	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	99.9
37	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
38	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
39	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
NUMBER OF READINGS	3405	3126	3416	3293	3318	3164	3272	3383	3308	3441	3299	3434	39859		

STATION: - CANBERRA M.O.

TABLE 7 (b)

CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURES

PERCENTAGE OF READINGS AT OR ABOVE GIVEN TEMPERATURE  
MONTH

TEMPERATURE (C)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
-7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
-6	100.0	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
-5	100.0	100.0	100.0	100.0	100.0	99.9	99.7	99.9	100.0	100.0	100.0	100.0	100.0
-4	100.0	100.0	100.0	100.0	99.8	99.7	99.0	99.7	100.0	100.0	100.0	100.0	99.8
-3	100.0	100.0	100.0	100.0	99.6	98.9	97.6	99.2	100.0	100.0	100.0	100.0	99.6
-2	100.0	100.0	100.0	100.0	99.2	97.3	95.8	98.4	99.7	100.0	100.0	100.0	99.2
-1	100.0	100.0	100.0	100.0	98.2	95.1	93.0	96.7	99.0	100.0	100.0	100.0	98.5
0	100.0	100.0	100.0	99.7	97.2	92.4	89.5	94.8	98.2	99.9	100.0	100.0	97.7
1	100.0	100.0	100.0	99.5	95.8	89.8	86.6	92.9	96.9	99.8	100.0	100.0	96.8
2	100.0	100.0	99.9	99.2	93.5	85.2	82.1	89.3	94.8	99.2	100.0	100.0	95.3
3	100.0	100.0	99.8	97.9	90.0	81.1	77.6	85.1	92.2	98.3	99.7	100.0	93.6
4	100.0	100.0	99.6	96.8	86.4	76.5	71.1	80.1	88.6	96.8	99.1	99.9	91.3
5	100.0	100.0	99.2	95.0	81.6	70.7	63.0	73.3	84.5	94.6	98.2	99.8	88.5
6	99.9	100.0	99.0	93.1	77.7	64.4	55.5	66.4	80.3	91.8	97.0	99.4	85.5
7	99.7	99.8	98.2	90.3	70.5	56.4	45.8	56.8	73.5	89.0	95.3	98.6	81.2
8	99.4	99.5	97.2	86.3	62.1	45.9	35.2	47.4	66.5	84.8	92.8	97.8	76.4
9	99.0	99.1	95.8	81.4	54.4	36.6	26.1	37.2	58.2	79.8	89.6	96.3	71.3
10	98.1	98.4	94.1	76.0	46.0	26.8	19.4	28.5	49.7	73.6	85.9	94.4	66.1
11	96.8	97.3	91.2	70.5	38.5	19.0	13.2	20.5	41.8	65.8	80.4	91.9	60.8
12	94.5	95.4	87.6	63.4	31.4	11.9	7.6	14.7	33.8	58.1	73.9	88.6	55.2
13	91.2	92.4	82.7	56.5	23.9	7.0	4.1	8.9	26.1	49.8	65.7	83.6	49.6
14	87.2	88.4	77.0	47.5	17.8	3.8	1.8	5.1	19.5	42.4	58.4	77.0	44.0
15	82.0	83.3	70.1	39.9	12.4	1.7	0.8	3.0	15.2	34.7	50.8	71.1	38.9
16	75.2	77.1	62.1	32.8	8.5	0.6	0.5	1.9	10.6	27.5	44.5	64.4	33.9
17	67.8	69.5	53.4	26.0	5.6	0.3	0.2	1.2	7.9	22.6	37.3	57.6	29.2
18	59.7	60.8	46.4	19.8	3.4	0.0	0.1	0.7	5.5	17.8	31.3	51.0	24.8
19	52.8	51.9	38.2	14.8	2.1	0.0	0.0	0.4	3.7	13.6	26.1	44.2	20.7
20	45.6	44.0	31.6	11.1	1.3	0.0	0.0	0.1	2.4	9.9	21.3	38.8	17.2
21	40.0	38.7	26.5	8.1	0.6	0.0	0.0	0.0	1.5	7.7	17.1	33.4	14.5
22	34.2	32.5	21.4	5.5	0.3	0.0	0.0	0.0	0.8	5.7	13.8	28.6	12.0
23	29.3	26.9	16.9	3.4	0.2	0.0	0.0	0.0	0.5	3.6	10.5	24.3	9.7
24	24.5	22.6	13.1	1.9	0.0	0.0	0.0	0.0	0.2	2.2	8.2	20.2	7.8
25	20.9	19.0	9.9	1.1	0.0	0.0	0.0	0.0	0.2	1.4	6.0	17.0	6.2
26	17.2	15.8	7.7	0.6	0.0	0.0	0.0	0.0	0.1	0.5	4.5	14.1	5.1
27	14.2	12.6	5.4	0.2	0.0	0.0	0.0	0.0	0.1	0.1	3.2	11.0	3.9
28	10.8	9.9	3.8	0.1	0.0	0.0	0.0	0.0	0.0	0.1	2.2	8.1	2.9
29	8.5	7.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	5.5	2.1
30	6.8	5.1	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	3.7	1.5
31	4.7	4.1	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	2.2	1.0
32	3.2	2.7	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.3	0.7
33	2.1	1.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.6	0.4
34	1.4	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.2
35	0.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1
36	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
37	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NUMBER OF READINGS	3405	3126	3416	3293	3318	3164	3272	3383	3308	3441	3299	3434	39859

STATION:- CANBERRA M.O.

TABLE 7 (c)

## PERCENTAGE FREQUENCY DISTRIBUTIONS OF RELATIVE HUMIDITIES

RELATIVE HUMIDITY (%)	MONTH												YEAR	CUMULATIVE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
3-4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
5-6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	100.0	0.0
7-8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	99.9	0.0
9-10	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1	99.9	0.1
11-12	0.3	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.1	99.8	0.1
13-14	0.7	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.5	0.2	99.6	0.2
15-16	1.1	0.6	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.8	0.3	99.3	0.4
17-18	1.2	1.1	0.4	0.2	0.0	0.0	0.0	0.0	0.2	0.1	0.2	1.3	0.4	98.9	0.7
19-20	1.5	0.6	0.8	0.3	0.1	0.0	0.0	0.0	0.2	0.3	0.4	1.5	0.5	98.4	1.1
21-22	1.4	1.0	0.8	0.4	0.1	0.0	0.0	0.0	0.2	0.3	0.6	2.0	0.6	97.9	1.6
23-24	1.8	1.6	0.9	0.5	0.1	0.0	0.0	0.1	0.3	0.4	0.7	1.9	0.7	97.2	2.1
25-26	1.9	1.2	1.1	0.2	0.0	0.0	0.0	0.2	0.3	0.5	0.8	2.4	0.7	96.4	2.8
27-28	2.0	1.5	1.2	0.8	0.1	0.0	0.0	0.2	0.3	0.5	1.0	2.1	0.8	95.6	3.6
29-30	1.9	1.7	1.3	0.8	0.1	0.0	0.1	0.3	0.5	0.6	1.6	3.0	1.0	94.6	4.4
31-35	4.9	3.9	4.2	2.8	1.1	0.3	0.5	1.1	2.5	2.7	4.4	6.2	2.9	91.7	5.4
36-40	5.1	5.1	5.3	3.5	1.9	1.1	1.2	2.1	4.0	3.9	5.5	6.5	3.8	87.9	8.3
41-45	5.0	4.6	5.6	6.2	3.5	1.8	2.2	3.3	5.3	4.7	6.8	6.0	4.6	83.3	12.1
46-50	5.4	4.8	6.1	6.4	4.0	3.4	3.8	5.5	6.0	6.1	7.3	5.2	5.3	78.0	16.7
51-55	5.4	6.4	5.8	5.9	5.2	4.2	4.9	5.1	6.9	6.9	5.8	6.1	5.7	72.3	22.0
56-60	6.4	6.6	5.6	5.6	5.9	4.9	6.0	6.8	6.2	7.3	6.8	5.9	6.2	66.1	27.7
61-65	6.4	7.1	6.4	7.1	6.7	6.2	7.2	6.6	6.5	7.1	6.4	5.2	6.6	59.6	33.9
66-70	7.8	8.8	7.3	5.9	8.5	8.6	7.8	8.0	8.1	7.8	6.5	7.7	7.7	51.8	40.4
71-72	4.1	4.7	3.9	3.6	3.6	3.6	3.2	3.6	4.1	4.2	3.4	3.8	3.8	48.0	48.2
73-74	4.2	3.9	4.3	3.2	3.4	3.9	3.3	3.4	3.3	2.8	2.8	3.3	3.5	44.5	52.0
75-76	4.1	4.1	4.2	3.7	3.9	4.5	4.2	4.4	4.2	4.5	3.4	3.5	4.1	40.5	55.5
77-78	4.2	5.0	4.1	3.9	3.4	3.4	3.3	3.6	3.2	4.1	4.3	4.1	3.9	36.6	59.5
79-80	3.2	3.9	3.7	4.2	3.7	3.7	4.0	4.1	3.2	3.1	3.4	2.2	3.5	33.1	63.4
81-82	4.1	4.4	4.5	4.2	5.2	4.9	4.6	5.4	5.3	5.1	6.2	3.1	4.8	28.3	66.9
83-84	3.0	3.3	3.9	4.3	4.2	4.6	4.0	3.8	3.7	3.5	2.8	2.7	3.6	24.7	71.7
85-86	2.7	2.0	2.4	3.1	3.9	5.2	4.1	4.1	3.2	3.3	2.9	2.4	3.3	21.4	75.3
87-88	2.5	3.3	3.8	5.4	5.3	6.4	5.9	5.7	5.1	5.2	3.9	3.2	4.6	16.8	78.6
89-90	1.6	2.1	3.0	4.2	5.3	5.1	5.7	5.3	3.9	3.9	2.9	2.0	3.7	13.0	83.2
91-92	1.7	2.1	2.0	3.9	5.9	6.2	6.2	4.1	4.0	3.3	2.4	1.8	3.6	9.4	87.0
93-94	1.8	2.0	3.5	4.9	5.2	6.1	5.5	4.4	4.0	3.8	3.1	1.9	3.8	5.6	90.6
95-96	1.4	1.2	1.5	2.2	3.9	4.7	4.5	3.7	2.6	2.3	1.7	0.9	2.5	3.0	94.4
97-98	0.7	0.5	1.0	1.4	2.7	3.4	3.6	2.6	1.4	1.2	0.7	0.5	1.6	1.4	97.0
NUMBER OF READINGS	3405	3126	3416	3296	3335	3179	3291	3394	3313	3443	3299	3434	39931		

STATION: - CANBERRA M.O.

TABLE 7 (d)

PERCENTAGE FREQUENCY DISTRIBUTION OF ABSOLUTE HUMIDITIES

DEW POINT (C)	VAPOUR PRESSURE (mbar)	MONTH												YEAR	CUMULATIVE	
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
-11	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
-10	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
-9	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.2	0.2	0.0	100.0	0.0
-8	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.0	0.1	0.0	99.9	0.0
-7	3.6	0.1	0.0	0.0	0.1	0.0	0.2	0.3	0.2	0.0	0.0	0.2	0.1	0.1	99.8	0.1
-6	3.9	0.1	0.1	0.1	0.1	0.1	0.4	0.6	0.6	0.2	0.1	0.1	0.1	0.2	99.6	0.2
-5	4.3	0.0	0.1	0.0	0.1	0.1	0.5	0.5	0.4	0.2	0.1	0.2	0.1	0.2	99.4	0.4
-4	4.6	0.1	0.1	0.3	0.3	0.4	1.3	2.4	1.4	0.8	0.2	0.2	0.2	0.6	98.8	0.6
-3	4.9	0.1	0.1	0.3	0.2	1.1	2.6	4.3	2.8	1.4	0.4	0.5	0.3	1.2	97.6	1.2
-2	5.3	0.4	0.2	0.6	0.5	2.8	3.9	5.5	4.1	2.6	0.6	0.8	0.6	1.9	95.8	2.4
-1	5.7	0.4	0.3	0.8	1.0	3.3	5.4	7.7	6.7	4.5	1.9	1.0	1.0	2.8	92.9	4.2
0	6.2	0.7	0.4	0.7	1.4	4.2	4.8	7.2	7.7	5.1	1.6	0.9	1.2	3.0	89.9	7.1
1	6.7	1.1	0.7	1.5	4.4	9.6	12.2	17.0	16.0	11.4	4.7	2.8	2.4	7.0	83.0	10.1
2	7.1	2.6	1.3	2.4	7.4	13.0	17.0	18.3	18.1	15.7	8.5	5.2	5.1	9.5	73.4	17.0
3	7.7	1.6	1.4	2.2	5.7	7.8	8.9	8.5	9.5	10.3	5.8	3.5	3.2	5.7	67.8	26.6
4	8.2	3.4	2.2	3.2	8.6	11.8	13.8	10.6	10.8	12.3	9.2	7.7	5.6	8.3	59.5	32.2
5	8.7	3.4	1.5	4.1	7.9	11.1	9.8	7.7	6.9	9.7	9.9	7.4	6.2	7.1	52.3	40.5
6	9.4	4.4	3.5	5.5	9.2	10.8	7.9	4.5	5.4	7.1	11.3	9.1	7.3	7.2	45.2	47.7
7	10.0	4.2	3.7	5.3	7.5	5.1	4.3	1.5	2.5	4.3	7.4	7.6	5.3	4.9	40.3	54.8
8	10.7	7.1	6.5	7.9	9.9	6.4	4.1	1.7	3.4	5.8	8.6	11.8	9.5	6.9	33.3	59.7
9	11.5	8.3	9.1	9.5	10.2	4.2	1.9	0.9	2.1	3.7	8.0	10.0	9.8	6.5	26.9	66.7
10	12.3	7.5	6.7	8.5	6.1	1.8	0.4	0.4	0.8	1.7	5.1	5.9	6.6	4.3	22.5	73.1
11	13.1	9.8	11.6	11.8	7.1	2.2	0.4	0.1	0.6	1.7	5.7	8.2	9.0	5.7	16.8	77.5
12	14.0	14.0	15.7	14.3	7.3	2.1	0.0	0.0	0.1	1.1	6.2	8.0	10.0	6.6	10.2	83.2
13	15.0	7.2	8.7	6.8	1.6	1.3	0.0	0.0	0.0	0.1	2.7	3.5	5.1	3.1	7.2	89.8
14	16.0	8.4	9.6	7.1	2.5	0.6	0.0	0.0	0.0	0.2	1.3	3.3	4.6	3.1	4.0	92.8
15	17.1	6.0	7.4	3.6	0.8	0.0	0.0	0.0	0.0	0.0	0.4	0.8	2.9	1.8	2.2	96.0
16	18.2	4.9	4.4	2.0	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.8	2.2	1.2	1.0	97.8
17	19.4	2.1	1.9	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.9	0.5	0.5	99.0
18	20.6	1.2	1.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.3	0.2	99.5
19	22.0	0.6	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	99.8
20	23.4	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	99.9
21	24.9	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
NUMBER OF READINGS		3405	3126	3416	3296	3335	3179	3291	3394	3313	3443	3299	3434	39931		

NUMBER OF DEW POINTS GREATER THAN 38C 0  
NUMBER OF DEW POINTS LESS THAN -15C 0

STATION:- CANBERRA M.O.

TABLE 7 (e)

## DOUBLE CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION FOR TEMPERATURE AND RELATIVE HUMIDITY

TEMPERATURE (C)	PERCENTAGE OF READINGS AT OR ABOVE GIVEN CONDITIONS RELATIVE HUMIDITY (%)																NUMBER OF READINGS
	0	5	10	15	20	25	30	40	50	60	70	75	80	85	90	95	
-7	100.0	100.0	99.9	99.5	98.4	96.8	94.6	87.9	78.0	66.1	51.8	42.5	33.0	22.9	12.9	4.1	3
-6	100.0	100.0	99.9	99.5	98.4	96.8	94.6	87.9	78.0	66.0	51.7	42.5	33.0	22.9	12.9	4.1	14
-5	100.0	99.9	99.8	99.4	98.4	96.7	94.6	87.9	77.9	66.0	51.7	42.4	32.9	22.9	12.8	4.1	44
-4	99.8	99.8	99.7	99.3	98.3	96.6	94.5	87.8	77.8	65.9	51.6	42.3	32.8	22.8	12.7	4.0	92
-3	99.6	99.6	99.5	99.1	98.0	96.4	94.2	87.5	77.6	65.7	51.4	42.1	32.6	22.5	12.5	3.9	158
-2	99.2	99.2	99.1	98.7	97.6	96.0	93.8	87.1	77.2	65.3	51.0	41.7	32.2	22.2	12.2	3.7	277
-1	98.5	98.5	98.4	98.0	96.9	95.3	93.1	86.4	76.5	64.6	50.3	41.0	31.5	21.5	11.7	3.4	331
0	97.7	97.7	97.6	97.2	96.1	94.5	92.3	85.6	75.7	63.7	49.5	40.2	30.7	20.7	11.1	3.1	348
1	96.8	96.8	96.7	96.3	95.2	93.6	91.4	84.7	74.8	62.9	48.6	39.3	29.9	20.0	10.6	2.8	593
2	95.3	95.3	95.2	94.8	93.7	92.1	89.9	83.3	73.3	61.4	47.1	37.9	28.6	18.8	9.8	2.3	708
3	93.6	93.5	93.4	93.0	92.0	90.3	88.2	81.5	71.5	59.6	45.4	36.3	27.1	17.5	8.9	2.0	882
4	91.3	91.3	91.2	90.8	89.8	88.1	86.0	79.3	69.2	57.4	43.3	34.3	25.3	16.1	8.1	1.9	1150
5	88.5	88.4	88.3	87.9	86.9	85.2	83.1	76.4	66.4	54.6	40.8	32.1	23.3	14.8	7.4	1.7	1175
6	85.5	85.5	85.4	85.0	83.9	82.3	80.1	73.4	63.5	51.8	38.2	29.9	21.5	13.5	6.8	1.5	1671
7	81.3	81.3	81.2	80.8	79.7	78.1	75.9	69.2	59.4	47.8	35.0	27.3	19.3	12.0	6.0	1.4	1948
8	76.4	76.4	76.3	75.9	74.8	73.2	71.0	64.4	54.6	43.3	31.5	24.4	17.1	10.6	5.2	1.2	2030
9	71.3	71.3	71.2	70.8	69.8	68.1	65.9	59.3	49.6	38.8	28.1	21.5	14.9	9.3	4.5	1.0	2076
10	66.1	66.1	66.0	65.6	64.5	62.9	60.7	54.1	44.7	34.6	24.8	18.8	13.1	8.2	3.9	0.8	2125
11	60.8	60.8	60.7	60.3	59.2	57.6	55.4	48.9	39.9	30.5	21.6	16.4	11.3	6.9	3.2	0.6	2187
12	55.3	55.3	55.2	54.8	53.7	52.1	50.0	43.5	35.0	26.6	18.8	14.1	9.5	5.7	2.6	0.5	2295
13	49.6	49.5	49.4	49.0	48.0	46.3	44.2	38.0	30.2	22.6	15.8	11.6	7.7	4.4	2.1	0.4	2204
14	44.0	44.0	43.9	43.5	42.4	40.8	38.7	32.7	25.6	18.8	12.9	9.3	6.0	3.3	1.5	0.3	2043
15	38.9	38.9	38.8	38.4	37.3	35.7	33.6	27.9	21.3	15.3	10.1	7.1	4.5	2.5	1.1	0.2	1973
16	33.9	33.9	33.8	33.4	32.4	30.8	28.7	23.2	17.4	12.1	7.6	5.2	3.1	1.7	0.7	0.1	1874
17	29.2	29.2	29.1	28.7	27.7	26.1	24.1	19.0	13.7	9.1	5.4	3.5	2.1	1.1	0.5	0.1	1769
18	24.8	24.8	24.7	24.3	23.3	21.7	19.8	15.0	10.3	6.4	3.4	2.1	1.2	0.6	0.3	0.0	1618
19	20.7	20.7	20.6	20.2	19.2	17.7	15.8	11.5	7.4	4.1	2.0	1.2	0.6	0.3	0.2	0.0	1391
20	17.3	17.2	17.2	16.7	15.7	14.3	12.5	8.6	5.2	2.5	1.0	0.6	0.3	0.1	0.1	0.0	1088
21	14.5	14.5	14.4	14.0	13.0	11.6	10.0	6.5	3.6	1.5	0.5	0.3	0.1	0.1	0.0	0.0	1027
22	12.0	11.9	11.9	11.5	10.5	9.2	7.7	4.6	2.2	0.8	0.2	0.1	0.1	0.0	0.0	0.0	913
23	9.7	9.6	9.6	9.2	8.3	7.0	5.7	3.1	1.3	0.4	0.1	0.1	0.0	0.0	0.0	0.0	752
24	7.8	7.8	7.7	7.3	6.5	5.4	4.2	2.0	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	579
25	6.3	6.3	6.2	5.9	5.1	4.1	3.1	1.3	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	504
26	5.1	5.0	5.0	4.6	3.9	3.0	2.2	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	457
27	3.9	3.9	3.8	3.5	2.8	2.1	1.4	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	393
28	2.9	2.9	2.9	2.6	2.0	1.3	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	340
29	2.1	2.1	2.0	1.8	1.3	0.8	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	229
30	1.5	1.5	1.4	1.2	0.9	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	188
31	1.0	1.0	1.0	0.8	0.5	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	145
32	0.7	0.7	0.6	0.5	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	111
33	0.4	0.4	0.4	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	58
34	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	44
35	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26
36	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12
37	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5
38	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3
39	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4
40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
NUMBER OF READINGS	7	36	170	418	657	861	2666	3969	4747	5698	3695	3797	4002	4003	3491	1642	39859

TABLE 8

STATION:- CARNARVON AERO.

BUREAU OF METEOROLOGY NUMBER:- 06011

LATITUDE:- 24 53 E

LONGITUDE:- 113 39 S

ELEVATION:- 4m AMSL

PERIOD OF RECORD:- 1/ 8/1962 TO 31/12/1977

TABLE OF MISSING READINGS

TIME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0000	2	2	4	4	7	12	9	1	2	1	1	3	48
0300	1	2	3	4	18	11	16	7	1	0	1	2	66
0600	4	0	3	2	12	12	22	17	4	0	1	3	80
0900	1	1	0	2	3	4	10	2	0	0	0	0	23
1200	14	11	0	0	4	1	2	1	0	1	0	8	42
1500	6	3	0	0	2	1	2	0	0	0	0	2	16
1800	69	11	17	14	6	2	6	11	30	32	30	56	284
2100	464	424	464	450	465	450	465	465	450	465	450	465	5477
TOTAL	561	454	491	476	517	493	532	504	487	499	483	539	6036

STATION: - CARNARVON AERO.

TABLE 8 (a)

## PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURES

TEMPERATURE (C)	MONTH												YEAR	CUMULATIVE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
6	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	100.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.2	0.5	0.2	0.0	0.0	0.0	0.0	0.1	99.9	0.0
8	0.0	0.0	0.0	0.0	0.0	0.6	1.5	1.0	0.0	0.0	0.0	0.0	0.3	99.6	0.1
9	0.0	0.0	0.0	0.0	0.2	1.1	2.1	1.8	0.2	0.0	0.0	0.0	0.5	99.1	0.4
10	0.0	0.0	0.0	0.0	0.3	1.8	3.2	2.8	0.5	0.0	0.0	0.0	0.7	98.4	0.9
11	0.0	0.0	0.0	0.0	0.9	3.2	4.6	3.9	1.1	0.2	0.0	0.0	1.2	97.2	1.6
12	0.0	0.0	0.0	0.2	1.7	4.2	6.0	4.4	2.3	0.4	0.0	0.0	1.6	95.6	2.8
13	0.0	0.0	0.0	0.3	2.8	5.5	7.3	5.7	3.1	1.0	0.1	0.0	2.2	93.5	4.4
14	0.0	0.0	0.0	0.5	3.7	6.9	7.6	6.8	3.9	1.5	0.3	0.0	2.6	90.9	6.5
15	0.0	0.0	0.0	0.8	4.5	6.0	6.4	7.2	4.7	2.3	0.5	0.0	2.7	88.1	9.1
16	0.0	0.0	0.0	1.4	5.2	7.5	6.6	7.5	6.6	4.1	1.6	0.0	3.4	84.7	11.9
17	0.0	0.0	0.3	2.0	6.2	8.0	8.8	10.0	10.2	5.2	3.3	0.3	4.6	80.2	15.3
18	0.1	0.1	0.6	3.1	8.3	9.6	10.6	10.0	10.9	9.6	5.7	1.0	5.8	74.3	19.8
19	0.3	0.1	0.8	5.1	7.5	9.2	10.0	11.1	12.0	11.5	8.6	2.5	6.6	67.7	25.7
20	1.2	0.4	1.8	6.1	9.0	9.4	8.2	9.2	11.4	11.1	11.1	5.2	7.0	60.7	32.3
21	3.9	1.8	3.2	9.0	10.6	9.8	6.5	7.1	11.5	11.5	12.6	8.7	8.1	52.6	39.2
22	8.3	4.7	6.3	11.0	10.1	6.7	4.1	4.6	8.9	11.8	12.8	12.4	8.5	44.2	47.4
23	11.1	7.8	9.1	13.0	8.6	3.5	2.5	2.5	5.2	9.4	11.2	11.6	8.0	36.2	55.8
24	11.0	9.1	11.5	11.1	6.6	2.2	1.7	1.6	2.6	7.5	11.3	12.0	7.3	28.9	63.8
25	11.4	10.8	10.5	9.6	4.5	2.0	0.7	1.0	1.4	4.3	7.8	10.2	6.1	22.7	71.1
26	12.9	13.0	12.3	9.5	3.3	1.3	0.5	0.7	1.1	2.7	5.3	10.4	6.0	16.7	77.3
27	11.6	12.5	11.8	6.7	2.5	0.8	0.1	0.3	0.6	1.9	2.9	8.4	5.0	11.7	83.3
28	8.9	10.1	8.5	4.6	1.5	0.5	0.2	0.3	0.5	1.3	1.5	5.2	3.6	8.2	88.3
29	5.1	7.7	6.6	2.3	0.8	0.1	0.1	0.2	0.4	0.7	1.0	3.0	2.3	5.9	91.8
30	3.5	5.8	4.3	1.2	0.3	0.1	0.0	0.1	0.3	0.5	0.7	2.4	1.6	4.3	94.1
31	2.7	4.5	3.9	1.0	0.2	0.0	0.0	0.0	0.2	0.4	0.5	1.5	1.2	3.0	95.7
32	2.6	3.7	3.1	0.6	0.2	0.0	0.0	0.0	0.1	0.2	0.3	1.5	1.0	2.0	97.0
33	1.4	1.9	1.3	0.3	0.1	0.0	0.0	0.0	0.0	0.2	0.1	0.9	0.5	1.5	98.0
34	1.1	1.6	1.3	0.3	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.6	0.4	1.1	98.5
35	0.7	1.3	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.5	0.3	0.8	98.9
36	0.6	0.8	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.2	0.6	99.2
37	0.5	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.4	99.4
38	0.4	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.3	99.6
39	0.2	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	99.7
40	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.2	99.8
41	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.1	99.8
42	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	99.9
43	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
44	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	100.0
NUMBER OF READINGS	3159	2938	3229	3124	3203	3107	3188	3216	3113	3221	3117	3181	37796		

STATION: - CARNARVON AERO.

TABLE 8 (b)

CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURES													
TEMPERATURE (C)	PERCENTAGE OF READINGS AT OR ABOVE GIVEN TEMPERATURE												
	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
7	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
8	100.0	100.0	100.0	100.0	100.0	99.7	99.4	99.6	100.0	100.0	100.0	100.0	99.9
9	100.0	100.0	100.0	100.0	99.7	99.2	97.9	98.6	100.0	100.0	100.0	100.0	99.6
10	100.0	100.0	100.0	100.0	99.4	98.1	95.7	96.9	99.7	100.0	100.0	100.0	99.1
11	100.0	100.0	100.0	100.0	99.1	96.3	92.5	94.1	99.2	99.9	100.0	100.0	98.4
12	100.0	100.0	100.0	100.0	98.2	93.1	87.9	90.2	98.1	99.7	100.0	100.0	97.2
13	100.0	100.0	100.0	99.8	96.5	88.9	81.9	85.8	95.8	99.3	100.0	100.0	95.6
14	100.0	100.0	100.0	99.6	93.7	83.4	74.6	80.2	92.7	98.4	99.9	100.0	93.5
15	100.0	100.0	100.0	99.1	90.0	76.5	66.9	73.4	88.8	96.8	99.6	100.0	90.9
16	100.0	100.0	99.9	98.3	85.5	70.5	60.6	66.1	84.1	94.6	99.1	100.0	88.1
17	100.0	100.0	99.9	96.8	80.2	63.1	54.0	58.6	77.4	90.5	97.5	99.9	84.7
18	100.0	100.0	99.6	94.8	74.0	55.1	45.2	48.7	67.3	85.2	94.2	99.7	80.2
19	99.9	99.9	99.0	91.7	65.7	45.5	34.6	38.7	56.4	75.6	88.5	98.6	74.3
20	99.6	99.8	98.2	86.6	58.2	36.3	24.6	27.6	44.4	64.1	79.9	96.1	67.7
21	98.4	99.3	96.4	80.5	49.1	26.9	16.4	18.4	32.9	52.9	68.8	90.9	60.7
22	94.4	97.5	93.1	71.5	38.6	17.1	9.9	11.3	21.4	41.4	56.1	82.2	52.6
23	86.1	92.8	86.7	60.5	28.5	10.4	5.8	6.7	12.5	29.6	43.4	69.8	44.2
24	75.0	85.0	77.7	47.4	19.9	6.9	3.3	4.2	7.3	20.2	32.1	58.2	36.2
25	64.0	75.9	66.2	36.4	13.4	4.7	1.6	2.6	4.7	12.7	20.8	46.1	28.9
26	52.7	65.1	55.7	26.8	8.9	2.8	0.9	1.6	3.3	8.4	13.0	35.9	22.7
27	39.8	52.1	43.4	17.3	5.6	1.4	0.4	0.9	2.2	5.7	7.7	25.5	16.7
28	28.3	39.7	31.7	10.6	3.1	0.6	0.3	0.6	1.6	3.8	4.9	17.1	11.7
29	19.4	29.5	23.1	6.0	1.6	0.2	0.1	0.3	1.1	2.6	3.4	11.9	8.2
30	14.3	21.9	16.5	3.7	0.8	0.1	0.0	0.1	0.6	1.8	2.4	8.9	5.9
31	10.8	16.1	12.2	2.4	0.5	0.0	0.0	0.0	0.4	1.3	1.6	6.4	4.3
32	8.1	11.6	8.4	1.5	0.3	0.0	0.0	0.0	0.2	0.9	1.1	5.0	3.0
33	5.6	7.9	5.3	0.9	0.1	0.0	0.0	0.0	0.1	0.7	0.8	3.5	2.0
34	4.1	6.0	4.0	0.6	0.0	0.0	0.0	0.0	0.1	0.5	0.6	2.5	1.5
35	3.0	4.3	2.7	0.4	0.0	0.0	0.0	0.0	0.0	0.3	0.5	1.9	1.1
36	2.3	3.0	1.9	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.4	1.4	0.8
37	1.7	2.2	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	1.1	0.6
38	1.2	1.7	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.9	0.4
39	0.8	1.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.7	0.3
40	0.6	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.6	0.2
41	0.4	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.2
42	0.3	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1
43	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
44	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
45	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL NO. OF READINGS	3159	2938	3229	3124	3203	3107	3188	3216	3113	3221	3117	3181	37796

STATION: - CARNARVON AERO.

TABLE 8 (c)

## PERCENTAGE FREQUENCY DISTRIBUTIONS OF RELATIVE HUMIDITIES

RELATIVE HUMIDITY (%)	MONTH												CUMULATIVE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	ABOVE BELOW
3-4	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	100.0
5-6	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	99.9
7-8	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.3	0.1	99.9
9-10	0.2	0.3	0.2	0.2	0.1	0.1	0.0	0.0	0.3	0.3	0.1	0.2	0.2	99.7
11-12	0.3	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.3	0.3	0.3	0.3	0.2	99.5
13-14	0.3	0.5	0.2	0.3	0.3	0.1	0.0	0.4	0.3	0.4	0.1	0.2	0.3	99.3
15-16	0.3	0.3	0.3	0.4	0.5	0.2	0.3	0.4	0.4	0.4	0.2	0.2	0.3	99.0
17-18	0.5	0.3	0.3	0.3	0.4	0.4	0.4	0.2	0.3	0.4	0.1	0.2	0.3	98.6
19-20	0.2	0.3	0.6	0.4	0.4	0.4	0.3	0.4	0.6	0.5	0.2	0.2	0.4	98.3
21-22	0.3	0.5	0.3	0.5	0.6	0.6	0.4	0.4	0.7	0.5	0.2	0.2	0.4	97.8
23-24	0.3	0.5	0.5	0.6	0.9	0.7	0.4	0.7	0.4	0.2	0.2	0.3	0.5	97.3
25-26	0.2	0.3	0.6	0.9	0.8	0.6	0.4	0.7	0.5	0.4	0.1	0.4	0.5	96.8
27-28	0.3	0.4	0.5	0.7	0.8	0.6	0.7	0.8	0.6	0.6	0.2	0.4	0.6	96.3
29-30	0.2	0.5	0.7	0.8	1.0	0.6	0.7	0.6	0.8	0.3	0.4	0.4	0.6	95.7
31-35	1.3	1.5	1.3	2.2	3.1	2.3	2.4	2.0	2.1	1.6	1.2	1.3	1.8	93.8
36-40	1.3	1.7	2.2	3.0	3.8	2.8	2.5	2.9	2.5	2.7	1.6	1.8	2.4	91.4
41-45	2.1	2.8	3.3	4.2	3.6	3.8	3.4	4.0	4.8	4.1	3.4	2.3	3.5	88.0
46-50	3.7	4.7	4.1	4.9	6.0	4.1	4.6	5.3	7.2	6.4	4.1	3.1	4.9	83.1
51-55	5.4	5.3	6.2	7.0	7.2	5.4	6.2	7.5	9.1	9.1	6.8	7.1	6.9	76.2
56-60	8.3	7.5	7.3	8.5	8.6	7.3	7.4	9.0	10.3	10.6	9.8	8.7	8.6	67.6
61-65	10.6	11.0	10.7	9.7	9.7	9.1	8.4	9.6	10.5	11.4	11.6	11.9	10.4	57.3
66-70	14.2	13.3	12.1	10.5	9.3	8.6	7.7	9.0	11.5	13.0	14.9	14.1	11.5	45.8
71-72	5.3	5.4	5.5	4.2	3.9	3.4	3.6	3.8	4.5	4.3	6.0	5.3	4.6	41.2
73-74	6.8	6.5	5.5	4.3	2.9	4.0	3.8	3.4	4.0	5.7	6.5	6.1	4.9	36.2
75-76	5.8	5.4	5.9	4.1	3.7	3.0	3.3	4.0	4.5	4.2	5.7	5.6	4.6	31.7
77-78	6.6	5.7	5.4	4.9	3.2	3.2	3.5	3.6	3.8	4.7	5.3	5.5	4.6	27.1
79-80	5.6	4.8	4.8	4.8	3.7	3.5	3.3	3.4	4.2	4.0	5.1	5.1	4.3	22.7
81-82	5.2	4.9	6.2	4.2	3.0	3.9	3.7	3.8	3.1	3.1	4.3	5.0	4.2	18.5
83-84	3.7	3.9	3.9	3.1	3.8	4.2	4.2	4.0	2.8	3.0	4.0	4.1	3.7	14.8
85-86	4.2	4.4	3.9	4.1	3.7	3.6	4.3	3.4	2.8	2.0	2.8	3.6	3.6	11.2
87-88	2.1	2.2	2.1	2.9	3.2	4.7	4.6	3.9	2.6	2.1	1.7	1.7	2.8	8.4
89-90	2.1	2.3	2.0	2.9	4.1	4.4	5.2	3.6	1.7	1.5	1.4	1.6	2.8	5.6
91-92	1.5	1.3	1.4	2.2	2.5	3.6	4.3	3.0	1.0	0.7	0.7	1.4	2.0	3.7
93-94	0.8	0.9	0.7	1.3	2.3	5.0	4.9	3.2	1.0	0.5	0.3	0.6	1.8	1.9
95-96	0.4	0.4	0.7	1.1	1.6	3.6	2.4	1.8	0.4	0.6	0.5	0.5	1.2	0.7
97-98	0.1	0.2	0.2	0.4	0.9	1.6	2.1	0.9	0.1	0.2	0.0	0.0	0.6	0.2
NUMBER OF READINGS	3159	2938	3229	3124	3203	3107	3188	3216	3113	3221	3117	3181	37796	

TABLE 8 (d)

STATION: - CARNARVON AERO.

## PERCENTAGE FREQUENCY DISTRIBUTION OF ABSOLUTE HUMIDITIES

DEW POINT (C)	VAPOUR PRESSURE (mbar)	MONTH												YEAR	CUMULATIVE	
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
-11	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	100.0	0.0
-10	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	100.0	0.0
-9	3.1	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.1	0.0	0.0	99.9	0.0
-8	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.2	0.0	99.9	0.1
-7	3.6	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.2	0.2	0.0	0.0	0.1	99.8	0.1
-6	3.9	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.2	0.4	0.1	0.1	0.1	0.1	99.7	0.2
-5	4.3	0.0	0.0	0.1	0.0	0.1	0.2	0.0	0.2	0.4	0.2	0.1	0.1	0.1	99.6	0.3
-4	4.6	0.0	0.0	0.0	0.1	0.2	0.2	0.3	0.4	0.4	0.2	0.1	0.1	0.2	99.5	0.4
-3	4.9	0.0	0.0	0.1	0.3	0.4	0.3	0.3	0.7	0.5	0.4	0.1	0.1	0.3	99.2	0.5
-2	5.3	0.0	0.1	0.0	0.3	1.0	0.4	0.3	1.1	0.7	0.2	0.1	0.2	0.4	98.8	0.8
-1	5.7	0.0	0.0	0.1	0.4	1.1	0.4	0.7	1.2	1.0	0.5	0.1	0.2	0.5	98.4	1.2
0	6.2	0.0	0.1	0.1	0.2	0.9	0.7	0.5	0.7	0.4	0.2	0.0	0.1	0.3	98.0	1.6
1	6.7	0.1	0.0	0.1	0.5	1.1	1.3	1.2	1.2	0.8	0.4	0.2	0.2	0.6	97.4	2.0
2	7.1	0.1	0.1	0.3	0.7	1.3	1.6	2.1	1.8	1.0	0.8	0.1	0.2	0.8	96.6	2.6
3	7.7	0.1	0.0	0.3	0.9	1.9	1.4	2.8	2.0	1.0	0.9	0.1	0.3	1.0	95.6	3.4
4	8.2	0.2	0.3	0.5	1.0	2.3	2.3	3.7	3.0	1.5	0.8	0.4	0.3	1.4	94.2	4.4
5	8.7	0.2	0.2	0.4	0.7	1.7	1.8	2.6	2.5	1.6	0.7	0.2	0.1	1.1	93.2	5.8
6	9.4	0.5	0.3	0.9	1.3	2.8	3.2	4.4	3.2	2.3	1.5	0.7	0.3	1.8	91.4	6.8
7	10.0	0.2	0.4	0.7	1.8	3.7	4.4	5.6	4.7	4.1	2.0	0.8	0.3	2.4	89.0	8.6
8	10.7	0.3	0.6	0.5	2.2	4.0	5.0	6.0	7.0	5.3	3.0	1.9	0.3	3.0	86.0	11.0
9	11.5	0.4	0.6	0.9	1.8	4.1	6.8	8.3	9.4	7.1	4.0	2.0	0.6	3.9	82.1	14.0
10	12.3	0.3	0.3	0.3	1.8	3.3	4.9	6.7	6.7	6.3	3.8	2.0	0.6	3.1	79.0	17.9
11	13.1	0.5	0.6	0.9	3.0	4.9	9.6	10.8	10.9	11.2	8.3	4.5	1.0	5.5	73.5	21.0
12	14.0	0.6	0.6	1.6	3.6	6.7	9.9	9.8	10.5	11.9	9.9	5.5	1.7	6.0	67.4	26.5
13	15.0	1.2	1.4	2.1	4.9	8.3	10.7	9.6	9.7	13.1	10.4	7.6	3.2	6.9	60.6	32.6
14	16.0	2.6	1.6	2.5	6.4	9.2	10.0	8.2	9.6	11.7	12.7	10.0	5.1	7.5	53.1	39.4
15	17.1	2.2	1.9	2.2	4.9	6.7	5.8	4.3	4.7	6.2	7.5	8.6	4.7	5.0	48.1	46.9
16	18.2	6.1	3.6	4.9	8.2	9.7	7.6	5.6	4.2	5.4	10.7	14.1	9.7	7.5	40.6	51.9
17	19.4	8.0	5.4	7.5	9.6	8.3	5.3	3.4	2.2	3.4	10.0	13.9	12.5	7.5	33.1	59.4
18	20.6	12.8	8.6	9.5	12.3	6.8	3.3	1.5	1.3	1.2	6.8	11.4	16.2	7.6	25.5	66.9
19	22.0	15.9	11.7	14.3	12.1	5.1	1.6	1.1	0.6	0.5	2.7	8.4	15.7	7.5	18.0	74.5
20	23.4	10.0	10.0	9.1	6.7	2.0	0.5	0.1	0.2	0.4	0.7	3.8	9.9	4.4	13.6	82.0
21	24.9	13.4	16.8	13.3	8.1	1.9	0.4	0.1	0.0	0.0	0.2	2.4	8.6	5.4	8.2	86.4
22	26.4	11.0	14.8	11.8	3.9	0.3	0.1	0.0	0.0	0.0	0.0	0.5	5.2	3.9	4.3	91.8
23	28.1	7.6	10.6	9.6	1.7	0.1	0.0	0.0	0.0	0.0	0.0	0.1	1.9	2.6	1.7	95.7
24	29.8	4.0	6.3	4.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	1.3	0.4	98.3
25	31.7	0.8	1.6	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	99.6
26	33.6	0.7	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	99.8
NUMBER OF READINGS		3159	2938	3229	3124	3203	3107	3188	3216	3113	3221	3117	3181	37796		

NUMBER OF DEW POINTS GREATER THAN 38C 0  
NUMBER OF DEW POINTS LESS THAN -15C 0

STATION:- CARNARVON AERO.

TABLE 8 (e)

## DOUBLE CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION FOR TEMPERATURE AND RELATIVE HUMIDITY

PERCENTAGE OF READINGS AT OR ABOVE GIVEN CONDITIONS

TEMPERATURE (C)	RELATIVE HUMIDITY (%)																NUMBER READINGS
	0	5	10	15	20	25	30	40	50	60	70	75	80	85	90	95	
6	100.0	100.0	99.7	99.1	98.3	97.1	95.7	91.4	83.1	67.6	45.8	33.9	22.7	13.1	5.6	1.2	9
7	100.0	99.9	99.7	99.1	98.2	97.1	95.7	91.4	83.1	67.6	45.8	33.9	22.7	13.1	5.6	1.2	29
8	99.9	99.9	99.6	99.0	98.2	97.0	95.6	91.3	83.0	67.6	45.7	33.9	22.7	13.0	5.6	1.2	110
9	99.6	99.6	99.3	98.7	97.9	96.7	95.3	91.0	82.7	67.4	45.6	33.8	22.6	13.0	5.6	1.2	174
10	99.1	99.1	98.9	98.3	97.4	96.2	94.8	90.6	82.3	67.0	45.2	33.5	22.4	12.9	5.6	1.1	278
11	98.4	98.4	98.1	97.5	96.7	95.5	94.1	89.9	81.6	66.4	44.8	33.1	22.1	12.6	5.4	1.1	442
12	97.2	97.2	96.9	96.4	95.5	94.3	92.9	88.7	80.6	65.4	43.9	32.4	21.5	12.2	5.2	1.1	605
13	95.6	95.6	95.3	94.8	93.9	92.7	91.3	87.2	79.1	64.1	42.8	31.4	20.7	11.6	4.9	1.1	817
14	93.5	93.4	93.2	92.6	91.7	90.6	89.2	85.1	77.1	62.3	41.4	30.1	19.6	10.8	4.5	1.0	988
15	90.9	90.8	90.6	90.0	89.1	88.0	86.6	82.5	74.7	60.1	39.6	28.5	18.3	9.8	4.0	0.9	1030
16	88.1	88.1	87.8	87.3	86.4	85.3	83.9	79.9	72.3	57.9	37.7	27.0	17.0	8.9	3.5	0.7	1287
17	84.7	84.7	84.4	83.9	83.0	81.9	80.5	76.7	69.2	55.1	35.4	25.1	15.6	8.0	3.1	0.6	1720
18	80.2	80.1	79.9	79.3	78.5	77.3	76.0	72.3	65.1	51.5	32.8	23.0	14.1	7.0	2.6	0.5	2204
19	74.3	74.3	74.1	73.5	72.6	71.5	70.3	66.7	59.9	47.1	29.6	20.6	12.5	6.1	2.1	0.4	2496
20	67.7	67.7	67.5	66.9	66.1	65.0	63.8	60.5	54.1	42.3	26.3	18.1	10.8	5.2	1.7	0.2	2662
21	60.7	60.7	60.4	59.9	59.0	58.0	56.9	53.8	48.1	37.5	22.9	15.7	9.3	4.3	1.4	0.2	3045
22	52.6	52.6	52.4	51.8	51.0	50.1	49.0	46.3	41.4	32.1	19.3	13.1	7.7	3.5	1.0	0.1	3209
23	44.2	44.1	43.9	43.3	42.6	41.7	40.8	38.4	34.2	26.3	15.3	10.0	5.7	2.6	0.8	0.1	3009
24	36.2	36.2	35.9	35.4	34.7	33.9	33.1	31.0	27.4	20.7	11.4	7.1	3.9	1.8	0.6	0.1	2769
25	28.9	28.8	28.6	28.1	27.5	26.7	26.0	24.2	21.1	15.6	8.0	4.6	2.4	1.0	0.3	0.0	2323
26	22.7	22.7	22.4	22.0	21.4	20.7	20.1	18.5	16.0	11.4	5.4	2.8	1.3	0.5	0.1	0.0	2284
27	16.7	16.6	16.4	16.0	15.5	14.9	14.4	13.0	10.8	7.3	3.1	1.5	0.6	0.2	0.0	0.0	1875
28	11.7	11.7	11.5	11.1	10.6	10.1	9.7	8.5	6.7	4.2	1.5	0.6	0.2	0.0	0.0	0.0	1343
29	8.2	8.1	7.9	7.6	7.2	6.8	6.4	5.4	4.0	2.2	0.6	0.2	0.0	0.0	0.0	0.0	874
30	5.9	5.8	5.6	5.3	5.0	4.6	4.3	3.5	2.3	1.0	0.2	0.1	0.0	0.0	0.0	0.0	599
31	4.3	4.2	4.0	3.8	3.5	3.2	2.9	2.2	1.3	0.5	0.1	0.0	0.0	0.0	0.0	0.0	463
32	3.0	3.0	2.8	2.6	2.3	2.0	1.8	1.2	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	381
33	2.0	2.0	1.8	1.6	1.4	1.2	1.0	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	194
34	1.5	1.5	1.3	1.1	0.9	0.8	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	162
35	1.1	1.0	0.9	0.7	0.6	0.5	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	117
36	0.8	0.7	0.6	0.5	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	79
37	0.6	0.5	0.4	0.3	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59
38	0.4	0.4	0.3	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	39
39	0.3	0.3	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34
40	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22
41	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22
42	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17
43	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9
44	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5
45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4
NUMBER OF READINGS	13	96	217	330	441	530	1609	3148	5844	8262	4481	4241	3650	2803	1695	436	37796

TABLE 9

STATION:- CEDUNA M.O.

BUREAU OF METEOROLOGY NUMBER:- 18012

LATITUDE:- 32 08 E

LONGITUDE:- 133 42 S

ELEVATION:- 22m AMSL

PERIOD OF RECORD:- 1/ 1/1963 TO 31/12/1977

TABLE OF MISSING READINGS

TIME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0000	465	424	463	450	465	446	461	463	450	463	450	464	5464
0300	4	7	7	12	41	30	32	34	18	9	5	6	205
0600	4	5	14	17	40	29	41	44	27	18	3	4	246
0900	1	1	1	2	22	17	20	14	4	0	0	1	83
1200	0	0	0	0	3	2	2	0	0	0	1	0	8
1500	0	1	0	0	3	0	0	0	0	0	0	0	4
1800	5	6	16	18	29	61	39	5	19	43	10	18	269
2100	8	22	47	37	50	68	59	24	11	45	8	16	395
TOTAL	467	466	548	536	653	653	654	584	529	578	477	509	6674

STATION: - CEDUNA M.O.

TABLE 9 (a)

## PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURES

TEMPERATURE (C)	MONTH												YEAR	CUMULATIVE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
-2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
-1	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	99.9	0.0
1	0.0	0.0	0.0	0.0	0.0	0.6	0.6	0.5	0.3	0.1	0.0	0.0	0.2	99.7	0.1
2	0.0	0.0	0.0	0.0	0.2	1.1	1.1	0.9	0.5	0.3	0.0	0.0	0.3	99.4	0.3
3	0.0	0.0	0.0	0.0	0.5	1.7	1.2	1.6	0.7	0.4	0.0	0.0	0.5	98.9	0.6
4	0.0	0.0	0.0	0.2	0.7	2.0	2.0	1.8	1.3	0.8	0.1	0.0	0.7	98.2	1.1
5	0.0	0.0	0.2	0.5	1.0	2.5	2.2	1.4	1.1	0.7	0.2	0.0	0.8	97.3	1.8
6	0.1	0.0	0.1	1.2	1.3	2.7	3.3	3.2	1.8	1.6	0.4	0.0	1.3	96.0	2.7
7	0.1	0.1	0.3	1.3	2.0	4.3	5.4	4.3	2.2	1.5	0.6	0.1	1.8	94.2	4.0
8	0.1	0.1	0.7	1.6	2.6	4.4	6.7	5.9	2.3	1.7	1.2	0.4	2.3	91.9	5.8
9	0.4	0.4	1.1	2.3	3.9	6.2	6.0	5.8	3.8	1.3	1.9	0.5	2.8	89.1	8.1
10	0.4	0.5	1.2	2.0	4.5	6.7	7.2	6.9	3.6	1.5	1.5	1.1	3.1	86.1	10.9
11	0.9	1.0	1.6	2.7	6.0	6.9	7.7	7.0	6.3	2.6	2.0	1.4	3.8	82.2	13.9
12	1.4	1.2	1.5	3.1	7.0	8.3	9.6	9.3	7.7	4.1	1.9	2.6	4.8	77.5	17.8
13	1.7	1.8	2.5	3.9	7.9	8.9	9.1	9.7	11.2	6.7	3.2	2.7	5.7	71.7	22.5
14	2.2	2.2	2.7	5.7	8.8	9.6	8.2	9.5	10.3	8.1	5.3	2.6	6.2	65.5	28.3
15	1.9	2.3	3.1	5.3	8.1	7.1	6.8	6.5	9.0	8.2	6.0	3.4	5.6	59.9	34.5
16	3.9	3.2	5.1	8.3	8.7	8.2	7.2	8.0	8.4	10.6	9.7	6.0	7.3	52.6	40.1
17	6.9	5.1	9.3	9.8	8.8	5.8	5.4	4.6	6.3	9.8	9.8	8.5	7.5	45.1	47.4
18	8.3	9.4	10.0	10.5	7.2	4.8	3.3	3.8	4.8	7.4	9.5	10.1	7.4	37.6	54.9
19	9.9	9.4	10.3	7.0	5.3	2.8	2.4	2.1	3.3	5.1	8.6	9.8	6.4	31.2	62.4
20	7.9	8.7	8.4	7.4	3.6	1.8	1.5	1.5	2.1	3.8	5.8	7.9	5.0	26.2	68.8
21	9.9	9.8	10.0	5.2	2.8	1.6	1.3	1.6	2.2	3.0	4.7	7.5	5.0	21.2	73.8
22	8.1	7.9	6.3	4.2	2.3	0.6	0.7	0.8	2.3	2.2	4.1	6.5	3.9	17.3	78.8
23	6.2	6.9	4.5	3.3	1.7	0.4	0.2	1.0	1.6	3.0	3.1	4.0	3.0	14.4	82.7
24	4.3	4.8	3.4	2.3	1.3	0.2	0.2	0.8	1.4	1.9	2.9	3.0	2.2	12.1	85.6
25	3.3	2.9	2.1	1.8	0.9	0.1	0.1	0.3	1.0	1.9	1.9	2.6	1.6	10.5	87.9
26	2.8	3.1	2.7	1.8	0.7	0.1	0.1	0.3	1.0	1.9	2.0	2.5	1.6	8.9	89.5
27	1.9	2.5	2.1	1.7	0.8	0.0	0.0	0.4	0.7	1.8	1.9	2.2	1.3	7.6	91.1
28	2.4	2.6	1.7	1.4	0.5	0.0	0.0	0.2	0.7	1.2	2.2	1.5	1.2	6.4	92.4
29	1.9	2.3	1.4	1.4	0.4	0.0	0.0	0.1	0.6	1.2	1.3	1.7	1.0	5.4	93.6
30	1.5	1.4	1.0	0.9	0.2	0.0	0.1	0.1	0.4	1.0	1.1	1.4	0.8	4.6	94.6
31	1.1	1.8	0.9	0.9	0.0	0.0	0.0	0.0	0.5	1.2	1.5	1.5	0.8	3.8	95.4
32	1.7	1.1	1.4	0.9	0.0	0.0	0.0	0.0	0.1	1.2	0.8	1.2	0.7	3.1	96.2
33	1.4	1.1	1.0	0.5	0.0	0.0	0.0	0.0	0.3	0.6	1.0	1.4	0.6	2.5	96.9
34	1.2	1.0	0.9	0.3	0.0	0.0	0.0	0.0	0.2	0.7	0.6	1.2	0.5	2.0	97.5
35	0.7	1.0	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.8	0.3	1.6	98.0
36	0.8	1.1	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.3	0.8	0.8	0.4	1.2	98.4
37	0.9	0.9	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.6	0.8	0.3	0.9	98.8
38	1.0	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	0.6	0.3	0.7	99.1
39	0.6	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.8	0.2	0.5	99.3
40	0.5	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.1	0.3	99.5
41	0.7	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.2	0.1	99.7
42	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.1	99.9
43	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	99.9
44	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
NUMBER OF READINGS	3233	2926	3171	3064	3067	2946	3065	3135	3071	3142	3123	3210	37153		

STATION:- CEDUNA M.O.

TABLE 9 (b)

## CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURES

TEMPERATURE (°C)	PERCENTAGE OF READINGS AT OR ABOVE GIVEN TEMPERATURE												YEAR
	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
-2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
-1	100.0	100.0	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0
0	100.0	100.0	100.0	100.0	100.0	99.8	99.7	100.0	100.0	100.0	100.0	100.0	100.0
1	100.0	100.0	100.0	100.0	100.0	99.6	99.5	99.8	100.0	100.0	100.0	100.0	99.9
2	100.0	100.0	100.0	100.0	100.0	98.9	98.9	99.3	99.7	99.9	100.0	100.0	99.7
3	100.0	100.0	100.0	100.0	99.8	97.8	97.8	98.4	99.2	99.6	100.0	100.0	99.4
4	100.0	100.0	100.0	100.0	99.3	96.1	96.6	96.7	98.5	99.2	100.0	100.0	98.9
5	100.0	100.0	99.9	99.7	98.6	94.1	94.7	95.0	97.2	98.4	99.9	100.0	98.2
6	100.0	100.0	99.8	99.2	97.6	91.6	92.5	93.6	96.1	97.7	99.7	100.0	97.3
7	99.9	100.0	99.7	98.0	96.3	88.8	89.2	90.3	94.2	96.1	99.3	100.0	96.0
8	99.8	99.9	99.4	96.8	94.2	84.5	83.8	86.0	92.1	94.7	98.7	99.8	94.2
9	99.7	99.8	98.6	95.1	91.6	80.1	77.2	80.1	89.7	93.0	97.5	99.4	91.9
10	99.3	99.3	97.6	92.9	87.7	73.9	71.2	74.3	85.9	91.7	95.6	99.0	89.1
11	98.9	98.8	96.4	90.9	83.1	67.2	64.0	67.4	82.3	90.2	94.1	97.9	86.1
12	97.9	97.8	94.7	88.2	77.1	60.4	56.3	60.4	75.9	87.6	92.0	96.4	82.2
13	96.5	96.6	93.2	85.1	70.2	52.1	46.7	51.2	68.2	83.5	90.2	93.8	77.5
14	94.8	94.8	90.7	81.1	62.2	43.2	37.6	41.5	57.0	76.8	87.0	91.1	71.7
15	92.6	92.7	88.0	75.5	53.4	33.6	29.4	32.0	46.8	68.7	81.7	88.5	65.5
16	90.7	90.4	84.9	70.1	45.2	26.4	22.6	25.6	37.8	60.6	75.6	85.2	59.9
17	86.8	87.1	79.8	61.8	36.6	18.2	15.4	17.5	29.4	49.9	66.0	79.2	52.6
18	79.9	82.1	70.5	52.1	27.8	12.4	10.0	13.0	23.1	40.1	56.2	70.7	45.1
19	71.6	72.7	60.5	41.5	20.6	7.6	6.7	9.2	18.3	32.7	46.7	60.7	37.6
20	61.7	63.3	50.2	34.5	15.3	4.8	4.3	7.0	15.0	27.7	38.1	50.8	31.2
21	53.8	54.6	41.9	27.1	11.7	3.0	2.8	5.6	12.9	23.9	32.3	43.0	26.2
22	43.8	44.8	31.9	21.9	8.8	1.5	1.4	4.0	10.7	20.9	27.6	35.5	21.2
23	35.7	36.9	25.6	17.7	6.6	0.8	0.8	3.2	8.4	18.7	23.5	28.9	17.3
24	29.6	30.0	21.0	14.4	4.9	0.5	0.5	2.2	6.8	15.7	20.4	24.9	14.4
25	25.2	25.2	17.6	12.1	3.5	0.2	0.3	1.4	5.5	13.8	17.5	21.9	12.1
26	21.9	22.3	15.5	10.3	2.6	0.1	0.3	1.1	4.4	11.8	15.6	19.3	10.5
27	19.1	19.1	12.8	8.5	1.9	0.0	0.1	0.8	3.4	10.0	13.6	16.8	8.9
28	17.2	16.6	10.7	6.8	1.1	0.0	0.1	0.4	2.7	8.1	11.7	14.6	7.6
29	14.8	14.1	9.0	5.5	0.6	0.0	0.1	0.2	2.0	6.9	9.5	13.1	6.4
30	12.9	11.8	7.6	4.0	0.3	0.0	0.1	0.2	1.5	5.7	8.2	11.4	5.4
31	11.4	10.4	6.5	3.2	0.1	0.0	0.0	0.1	1.0	4.7	7.1	10.1	4.6
32	10.3	8.5	5.6	2.2	0.0	0.0	0.0	0.0	0.6	3.4	5.6	8.6	3.8
33	8.6	7.4	4.2	1.3	0.0	0.0	0.0	0.0	0.5	2.3	4.8	7.4	3.1
34	7.2	6.4	3.2	0.8	0.0	0.0	0.0	0.0	0.2	1.7	3.8	6.0	2.5
35	6.1	5.3	2.4	0.6	0.0	0.0	0.0	0.0	0.1	1.0	3.2	4.8	2.0
36	5.3	4.4	1.7	0.2	0.0	0.0	0.0	0.0	0.1	0.8	2.8	4.0	1.6
37	4.5	3.3	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.5	2.0	3.2	1.2
38	3.6	2.4	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.2	2.4	0.9
39	2.6	1.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.8	1.8	0.7
40	2.0	1.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	1.0	0.5
41	1.5	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.7	0.3
42	0.8	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.1
43	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.1
44	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
46	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NUMBER OF READINGS	3233	2926	3171	3064	3067	2946	3065	3135	3071	3142	3123	3210	37153

STATION:- CEDUNA M.O.

TABLE 9 (c)

PERCENTAGE FREQUENCY DISTRIBUTIONS OF RELATIVE HUMIDITIES															
RELATIVE HUMIDITY (%)	MONTH												YEAR	CUMULATIVE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
3-4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	100.0	0.0
5-6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.1	99.9	0.0
7-8	0.5	0.4	0.1	0.0	0.0	0.0	0.0	0.1	0.3	0.5	0.7	0.4	0.3	99.6	0.1
9-10	1.0	0.6	0.2	0.1	0.0	0.0	0.0	0.1	0.1	1.2	0.9	1.0	0.4	99.2	0.4
11-12	1.1	0.8	0.5	0.1	0.0	0.0	0.0	0.2	0.4	1.0	1.0	1.0	0.5	98.7	0.8
13-14	1.5	1.1	0.7	1.0	0.1	0.0	0.1	0.3	0.8	1.2	1.8	1.3	0.8	97.8	1.3
15-16	1.3	0.9	1.3	1.0	0.4	0.0	0.1	0.4	0.7	1.4	1.2	0.9	0.8	97.0	2.2
17-18	0.9	0.9	1.0	1.1	0.4	0.1	0.3	0.5	1.0	1.3	1.8	1.4	0.9	96.1	3.0
19-20	0.9	1.0	0.9	1.1	0.5	0.1	0.1	0.8	1.3	1.1	1.2	1.1	0.9	95.3	3.9
21-22	1.4	1.1	0.9	1.4	0.9	0.1	0.4	0.6	1.3	1.1	1.3	1.2	1.0	94.3	4.7
23-24	1.0	1.3	0.7	1.3	0.6	0.2	0.1	0.9	0.7	1.4	1.2	1.5	0.9	93.4	5.7
25-26	0.9	1.2	1.1	1.4	1.0	0.2	0.9	0.9	1.1	1.5	1.3	1.4	1.1	92.3	6.6
27-28	0.9	1.4	1.3	1.1	1.0	0.3	0.8	0.9	1.3	1.6	1.4	1.5	1.1	91.2	7.7
29-30	1.4	1.0	1.1	1.4	1.2	0.7	0.8	1.1	1.3	1.5	1.2	1.2	1.2	90.0	8.8
31-35	2.9	3.3	2.5	3.2	3.5	2.3	2.7	2.8	3.2	3.8	3.5	3.1	3.1	87.0	10.0
36-40	3.4	3.3	3.2	4.1	3.8	2.7	2.8	2.9	2.6	3.4	4.3	3.4	3.3	83.6	13.0
41-45	4.4	4.9	4.2	3.9	4.4	3.8	3.5	3.7	3.7	4.6	5.2	4.9	4.3	79.3	16.4
46-50	6.1	6.3	5.4	4.6	5.0	4.6	4.4	4.5	5.2	5.9	6.9	7.4	5.5	73.8	20.7
51-55	8.9	7.2	7.0	6.6	6.2	5.3	5.1	5.9	6.6	8.2	8.7	9.2	7.1	66.7	26.2
56-60	10.4	9.2	8.8	7.8	7.2	7.2	5.7	6.9	7.5	8.6	10.3	11.5	8.5	58.3	33.3
61-65	9.7	8.1	8.7	7.2	6.7	6.7	7.1	7.8	9.1	8.3	9.0	9.7	8.2	50.1	41.7
66-70	8.6	9.0	8.6	7.6	7.1	7.0	7.3	7.9	8.7	7.8	8.4	7.7	8.0	42.1	49.9
71-72	3.7	3.1	3.7	3.3	3.3	4.1	4.4	3.8	4.3	3.7	3.4	3.9	3.7	38.4	57.9
73-74	3.6	4.2	3.9	3.2	2.2	3.2	3.0	2.7	3.1	2.4	2.8	3.3	3.1	35.2	61.6
75-76	3.2	3.1	3.4	2.8	2.8	2.9	3.6	3.0	3.3	2.6	2.4	2.5	3.0	32.3	64.8
77-78	3.0	4.3	4.3	3.9	3.5	3.9	3.7	3.6	2.7	3.7	2.9	2.8	3.5	28.7	67.7
79-80	2.3	2.6	2.5	2.3	2.2	2.9	2.7	2.3	2.3	2.1	1.7	2.0	2.3	26.4	71.3
81-82	2.8	2.9	3.4	4.2	4.2	4.8	4.7	3.9	4.2	2.7	2.5	2.9	3.6	22.8	73.6
83-84	3.0	2.8	3.2	2.9	2.4	3.0	2.9	3.0	2.5	2.1	2.2	2.2	2.7	20.1	77.2
85-86	2.0	2.0	2.4	2.7	3.0	3.8	3.7	3.3	2.5	1.9	1.4	1.6	2.5	17.6	79.9
87-88	2.3	3.0	3.9	4.5	6.2	6.0	5.3	5.5	4.3	3.3	2.1	2.6	4.1	13.5	82.4
89-90	1.5	2.3	2.8	2.6	2.6	3.3	2.9	2.3	2.0	1.5	1.3	1.4	2.2	11.3	86.5
91-92	1.4	1.9	1.8	2.8	4.1	4.3	4.6	4.2	2.9	2.2	1.2	1.1	2.7	8.7	88.7
93-94	1.9	1.9	3.0	3.5	5.6	6.2	5.9	4.1	3.9	2.9	2.3	1.5	3.5	5.1	91.3
95-96	1.3	1.8	1.9	2.5	3.1	4.2	4.2	3.6	2.1	1.7	1.0	0.9	2.3	2.8	94.9
97-98	0.5	1.0	0.9	1.4	2.4	3.1	3.1	2.6	1.8	1.4	0.6	0.2	1.6	1.2	97.2
NUMBER OF READINGS	3233	2926	3172	3064	3067	2947	3066	3134	3071	3142	3123	3211	37156		

STATION:- CEDUNA M.O.

TABLE 9 (d)

PERCENTAGE FREQUENCY DISTRIBUTION OF ABSOLUTE HUMIDITIES

DEW POINT (C)	VAPOUR PRESSURE (mbar)	MONTH												YEAR	CUMULATIVE	
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
-12	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
-11	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
-10	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
-9	3.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.4	0.1	0.1	0.1	99.9	0.0
-8	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.0	0.1	99.8	0.1
-7	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.3	0.1	0.2	0.1	99.7	0.2
-6	3.9	0.2	0.0	0.1	0.1	0.0	0.1	0.2	0.4	0.2	0.5	0.2	0.1	0.2	99.6	0.3
-5	4.3	0.1	0.0	0.0	0.1	0.1	0.0	0.4	0.5	0.4	0.6	0.2	0.2	0.2	99.4	0.4
-4	4.6	0.2	0.1	0.1	0.2	0.4	0.2	0.5	0.7	0.7	0.6	0.5	0.2	0.4	99.0	0.6
-3	4.9	0.2	0.3	0.1	0.3	0.5	0.6	0.9	1.2	1.0	0.9	0.4	0.4	0.6	98.4	1.0
-2	5.3	0.2	0.3	0.3	0.4	0.8	0.8	1.2	1.7	1.4	1.2	0.8	0.5	0.8	97.6	1.6
-1	5.7	0.4	0.4	0.3	0.7	0.9	1.9	1.6	2.3	1.4	1.4	1.1	0.5	1.1	96.6	2.4
0	6.2	1.1	0.2	0.4	0.8	1.6	1.8	2.3	2.4	1.5	1.1	0.9	0.7	1.2	95.3	3.4
1	6.7	0.9	0.5	0.9	1.5	2.2	3.5	4.3	4.0	2.5	2.3	1.8	0.9	2.1	93.2	4.7
2	7.1	1.0	0.8	0.9	2.5	3.9	4.9	5.0	5.4	4.4	2.7	2.3	1.4	2.9	90.3	6.8
3	7.7	1.5	0.7	1.5	2.8	4.9	5.1	6.9	6.4	5.1	3.9	2.8	1.4	3.6	86.7	9.7
4	8.2	1.4	1.2	1.7	3.5	5.7	8.9	7.6	8.2	8.1	6.4	3.9	2.4	4.9	81.8	13.3
5	8.7	1.3	0.9	1.7	3.2	4.1	6.0	6.4	7.0	8.0	5.0	4.1	1.8	4.1	77.7	18.2
6	9.4	2.2	2.0	2.9	6.1	7.3	8.6	10.1	9.5	8.8	9.2	7.5	3.9	6.5	71.3	22.3
7	10.0	3.6	2.6	4.7	6.9	8.1	10.2	11.5	11.7	11.3	9.8	9.6	5.5	7.9	63.3	28.7
8	10.7	5.3	4.6	5.6	9.3	10.7	10.8	12.4	13.2	11.3	11.5	10.7	7.9	9.4	53.9	36.7
9	11.5	7.0	6.1	7.7	9.0	10.1	10.5	10.3	8.5	10.0	8.9	10.3	9.5	9.0	44.9	46.1
10	12.3	4.6	5.7	5.4	7.3	6.8	7.2	6.7	6.1	5.8	6.7	6.4	7.8	6.4	38.5	55.1
11	13.1	8.5	9.3	9.4	9.7	9.2	8.9	6.8	5.6	6.7	8.7	9.2	11.6	8.6	29.9	61.5
12	14.0	10.9	9.8	9.9	10.6	8.3	5.7	3.3	2.8	5.4	5.9	7.3	10.2	7.5	22.4	70.1
13	15.0	10.8	10.9	9.5	8.3	6.6	2.7	1.3	1.1	3.0	5.0	6.0	10.2	6.3	16.0	77.6
14	16.0	10.0	10.1	9.9	6.7	4.0	1.6	0.5	0.5	1.4	3.0	6.3	8.8	5.3	10.8	84.0
15	17.1	5.7	7.3	6.6	3.6	1.8	0.1	0.1	0.1	0.6	1.7	3.0	4.0	2.9	7.9	89.2
16	18.2	8.4	8.8	8.4	3.7	1.4	0.0	0.0	0.2	0.3	1.2	2.1	5.0	3.3	4.6	92.1
17	19.4	6.1	8.0	5.8	1.9	0.4	0.0	0.0	0.0	0.1	0.8	1.4	3.2	2.2	2.3	95.4
18	20.6	3.6	5.1	3.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.0	1.2	1.1	97.7
19	22.0	2.3	2.3	1.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.6	0.5	98.9
20	23.4	0.9	0.9	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.3	99.5
21	24.9	0.9	0.5	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1	99.7
22	26.4	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	99.9
23	28.1	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
NUMBER OF READINGS		3233	2926	3172	3064	3067	2947	3066	3134	3071	3142	3123	3211	37156		

NUMBER OF DEW POINTS GREATER THAN 38C 0  
NUMBER OF DEW POINTS LESS THAN -15C 2

STATION:- CEDUNA M.O.

TABLE 9 (e)

## DOUBLE CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION FOR TEMPERATURE AND RELATIVE HUMIDITY

TEMPERATURE (C)	PERCENTAGE OF READINGS AT OR ABOVE GIVEN CONDITIONS RELATIVE HUMIDITY (%)																NUMBER READING
	0	5	10	15	20	25	30	40	50	60	70	75	80	85	90	95	
-2	100.0	99.9	99.2	97.5	95.3	92.9	90.0	83.6	73.8	58.2	42.1	33.8	26.4	18.9	11.3	3.8	3
-1	100.0	99.9	99.2	97.5	95.3	92.9	90.0	83.6	73.8	58.2	42.1	33.8	26.4	18.9	11.3	3.8	13
0	100.0	99.9	99.1	97.4	95.2	92.9	90.0	83.6	73.8	58.2	42.0	33.8	26.4	18.8	11.3	3.8	17
1	99.9	99.8	99.1	97.4	95.2	92.8	89.9	83.5	73.7	58.2	42.0	33.8	26.3	18.8	11.3	3.7	67
2	99.7	99.7	98.9	97.2	95.0	92.6	89.8	83.3	73.5	58.0	41.8	33.6	26.2	18.6	11.1	3.7	125
3	99.4	99.3	98.6	96.9	94.7	92.3	89.4	83.0	73.2	57.6	41.5	33.3	25.8	18.3	10.9	3.5	189
4	98.9	98.8	98.1	96.4	94.2	91.8	88.9	82.5	72.7	57.1	41.0	32.8	25.4	18.0	10.6	3.4	272
5	98.2	98.1	97.3	95.6	93.4	91.0	88.2	81.8	72.0	56.4	40.3	32.1	24.7	17.4	10.2	3.2	302
6	97.3	97.3	96.5	94.8	92.6	90.2	87.4	80.9	71.2	55.6	39.5	31.4	24.1	16.8	9.8	3.0	483
7	96.0	96.0	95.2	93.5	91.3	88.9	86.1	79.6	69.9	54.4	38.3	30.3	23.0	15.9	9.1	2.8	680
8	94.2	94.1	93.4	91.7	89.5	87.1	84.2	77.8	68.0	52.6	36.7	28.8	21.7	14.9	8.3	2.4	854
9	91.9	91.8	91.1	89.4	87.2	84.8	81.9	75.5	65.8	50.4	34.7	26.9	20.1	13.5	7.3	2.1	1033
10	89.1	89.1	88.3	86.6	84.4	82.0	79.2	72.8	63.1	47.8	32.3	24.8	18.2	12.1	6.4	1.8	1143
11	86.1	86.0	85.2	83.5	81.3	78.9	76.1	69.7	60.1	45.0	29.8	22.4	16.1	10.5	5.4	1.4	1420
12	82.2	82.2	81.4	79.7	77.5	75.1	72.3	65.9	56.4	41.6	26.8	19.9	14.1	9.0	4.4	1.1	1774
13	77.5	77.4	76.6	74.9	72.7	70.4	67.5	61.2	51.9	37.5	23.5	17.2	11.8	7.3	3.5	0.8	2135
14	71.7	71.6	70.9	69.2	67.0	64.6	61.8	55.6	46.5	32.8	20.0	14.4	9.6	5.7	2.7	0.6	2314
15	65.5	65.4	64.6	63.0	60.8	58.4	55.6	49.5	40.9	28.0	16.7	11.7	7.6	4.5	2.0	0.5	2088
16	59.9	59.8	59.0	57.3	55.1	52.8	50.0	44.1	35.9	24.1	14.0	9.7	6.2	3.6	1.6	0.4	2703
17	52.6	52.5	51.8	50.1	47.9	45.5	42.8	37.2	29.7	19.4	11.0	7.5	4.8	2.8	1.2	0.3	2796
18	45.1	45.0	44.2	42.5	40.4	38.1	35.4	30.2	23.5	14.9	8.1	5.5	3.5	2.0	0.8	0.2	2761
19	37.6	37.6	36.8	35.1	33.0	30.7	28.2	23.4	17.7	10.7	5.5	3.6	2.3	1.3	0.6	0.1	2370
20	31.2	31.2	30.4	28.7	26.6	24.4	22.0	17.7	13.0	7.3	3.5	2.2	1.3	0.7	0.3	0.1	1875
21	26.2	26.1	25.4	23.7	21.6	19.5	17.2	13.4	9.4	5.0	2.1	1.3	0.7	0.4	0.2	0.0	1852
22	21.2	21.1	20.4	18.7	16.6	14.6	12.6	9.2	6.1	3.0	1.1	0.6	0.3	0.2	0.1	0.0	1437
23	17.3	17.3	16.5	14.9	12.9	11.0	9.2	6.2	3.7	1.7	0.5	0.3	0.2	0.1	0.0	0.0	1113
24	14.4	14.3	13.5	11.9	10.0	8.2	6.6	4.1	2.1	0.9	0.3	0.1	0.1	0.0	0.0	0.0	828
25	12.1	12.1	11.3	9.7	7.9	6.3	4.9	2.8	1.3	0.5	0.1	0.1	0.0	0.0	0.0	0.0	596
26	10.5	10.5	9.7	8.1	6.4	4.9	3.7	1.9	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	594
27	8.9	8.9	8.1	6.6	5.0	3.7	2.6	1.2	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	500
28	7.6	7.5	6.8	5.3	3.9	2.7	1.9	0.8	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	447
29	6.4	6.3	5.6	4.2	2.9	1.9	1.3	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	380
30	5.4	5.3	4.6	3.3	2.2	1.3	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	283
31	4.6	4.5	3.8	2.7	1.6	1.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	298
32	3.8	3.7	3.1	2.0	1.2	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	265
33	3.1	3.0	2.4	1.5	0.8	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	223
34	2.5	2.4	1.9	1.0	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	189
35	2.0	1.9	1.4	0.8	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	128
36	1.6	1.6	1.1	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	145
37	1.2	1.2	0.8	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	117
38	0.9	0.9	0.6	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	98
39	0.7	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	74
40	0.5	0.4	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	51
41	0.3	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62
42	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22
43	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18
44	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12
46	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3
NUMBER OF READINGS	26	283	626	816	888	1064	2388	3640	5780	6013	3053	2762	2800	2805	2799	1410	37153

TABLE 10

STATION:- CHARLEVILLE

BUREAU OF METEOROLOGY NUMBER:- 44021

LATITUDE:- 26 25 E

LONGITUDE:- 146 17 S

ELEVATION:- 304m AMSL

PERIOD OF RECORD:- 1/ 1/1963 TO 31/12/1977

TABLE OF MISSING READINGS

TIME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0000	219	170	186	210	223	213	218	220	212	218	210	250	2549
0300	1	0	2	5	14	9	10	7	4	3	0	2	57
0600	0	1	4	2	11	14	6	16	4	1	4	2	65
0900	0	0	0	2	5	4	4	2	0	0	1	0	18
1200	1	0	0	0	3	0	0	2	0	0	0	2	8
1500	0	1	2	0	2	0	1	0	0	0	1	0	7
1800	0	0	3	0	1	1	0	0	0	2	8	0	15
2100	0	1	1	1	5	2	2	3	0	4	9	0	28
TOTAL	221	173	198	220	264	243	241	250	220	228	233	256	2747

STATION: - CHARLEVILLE

TABLE 10(a)

## PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURES

TEMPERATURE (C)	MONTH												CUMULATIVE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	ABOVE BELOW
-3	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.1	0.0	0.0	0.0	0.0	0.1	99.9
-2	0.0	0.0	0.0	0.0	0.0	0.3	1.3	0.1	0.0	0.0	0.0	0.0	0.1	99.8
-1	0.0	0.0	0.0	0.0	0.0	0.5	1.3	0.5	0.0	0.0	0.0	0.0	0.2	99.6
0	0.0	0.0	0.0	0.0	0.1	0.3	1.6	0.4	0.0	0.0	0.0	0.0	0.2	99.4
1	0.0	0.0	0.0	0.0	0.1	1.2	2.3	1.1	0.1	0.0	0.0	0.0	0.4	99.0
2	0.0	0.0	0.0	0.0	0.5	1.8	3.1	1.8	0.6	0.0	0.0	0.0	0.6	98.3
3	0.0	0.0	0.0	0.0	0.8	2.3	2.9	2.1	0.7	0.0	0.0	0.0	0.7	97.6
4	0.0	0.0	0.0	0.0	1.4	2.5	3.0	2.1	1.2	0.1	0.0	0.0	0.9	96.7
5	0.0	0.0	0.0	0.2	1.5	3.7	3.4	3.0	1.0	0.1	0.0	0.0	1.1	95.6
6	0.0	0.0	0.0	0.2	2.0	3.3	3.9	2.8	2.1	0.4	0.0	0.0	1.2	94.4
7	0.0	0.0	0.0	0.3	2.4	4.6	5.0	2.8	1.8	0.4	0.0	0.0	1.4	93.0
8	0.0	0.0	0.0	0.6	2.9	4.9	5.6	3.7	2.3	0.6	0.1	0.0	1.7	91.3
9	0.0	0.0	0.1	0.8	3.6	4.8	4.6	4.0	1.8	0.8	0.1	0.0	1.7	89.5
10	0.0	0.0	0.1	1.1	3.0	5.6	4.2	4.4	2.3	1.0	0.2	0.0	1.8	87.7
11	0.0	0.0	0.2	1.5	4.1	6.5	4.5	5.0	3.3	1.4	0.3	0.0	2.2	85.5
12	0.0	0.0	0.4	1.8	4.8	5.5	4.3	4.9	3.0	1.7	0.9	0.1	2.3	83.2
13	0.1	0.0	0.4	2.7	5.8	6.1	6.6	6.0	4.5	2.3	1.0	0.2	3.0	80.2
14	0.1	0.2	0.6	2.9	5.6	5.8	6.0	6.5	4.7	2.1	1.4	0.3	3.0	77.2
15	0.2	0.2	1.0	3.8	5.8	6.1	5.9	5.7	4.6	3.0	1.7	0.6	3.2	74.0
16	0.3	0.4	1.3	4.6	6.1	6.0	5.4	6.2	5.2	3.1	2.2	0.8	3.5	70.5
17	0.7	0.7	2.0	5.4	6.7	5.9	5.0	6.0	6.0	4.6	3.6	1.6	4.0	66.5
18	1.5	0.9	2.8	5.5	6.9	4.8	4.3	6.1	6.7	5.2	3.7	2.4	4.2	62.2
19	1.5	1.6	4.3	6.1	5.8	4.0	3.4	4.2	6.3	5.5	3.8	3.2	4.2	58.1
20	3.1	2.9	4.9	6.4	5.8	3.6	3.5	3.7	4.9	5.3	3.8	3.5	4.3	53.8
21	3.9	4.4	6.0	6.9	4.4	3.9	3.1	3.7	6.0	6.0	4.9	4.6	4.8	49.0
22	5.6	5.4	7.8	6.7	4.6	2.4	2.3	3.3	5.3	6.1	5.3	5.5	5.0	43.9
23	5.8	6.4	7.0	6.2	4.3	1.6	1.2	2.7	4.3	6.8	5.4	4.5	4.7	39.2
24	6.3	5.6	7.2	5.1	4.3	0.8	1.1	2.3	4.3	6.4	5.9	5.0	4.5	34.7
25	5.7	5.7	6.7	4.3	3.1	0.5	0.3	1.9	3.8	4.8	4.8	6.0	4.0	30.7
26	6.3	7.4	6.5	5.9	2.1	0.3	0.2	1.5	3.4	4.7	5.5	5.5	4.1	26.7
27	6.7	7.8	6.8	5.8	0.8	0.1	0.1	0.8	3.0	4.4	5.9	5.8	4.0	22.7
28	6.3	6.7	6.5	5.1	0.3	0.0	0.1	0.4	2.0	4.6	6.7	5.9	3.7	19.0
29	6.7	6.4	5.7	3.5	0.1	0.0	0.0	0.2	1.7	4.2	5.2	6.3	3.3	15.6
30	5.9	5.9	4.9	2.5	0.0	0.0	0.0	0.1	1.4	3.4	4.6	5.5	2.8	12.8
31	5.2	6.2	4.7	2.0	0.0	0.0	0.0	0.0	0.8	3.6	4.6	5.3	2.7	10.1
32	5.5	6.0	4.3	1.2	0.0	0.0	0.0	0.0	0.5	2.5	4.4	5.3	2.5	7.6
33	4.6	4.8	3.0	0.7	0.0	0.0	0.0	0.0	0.4	1.8	3.9	4.8	2.0	5.6
34	4.4	3.9	2.4	0.2	0.0	0.0	0.0	0.0	0.1	1.3	3.2	4.1	1.6	4.0
35	3.6	3.8	1.4	0.1	0.0	0.0	0.0	0.0	0.1	0.8	2.3	3.6	1.3	2.7
36	3.5	3.2	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.3	2.0	3.6	1.1	1.6
37	2.2	1.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.2	2.5	0.7	0.9
38	1.9	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.8	1.6	0.5	0.4
39	1.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.9	0.2	0.2
40	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.1	0.1
41	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0
42	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
43	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NUMBER OF READINGS	3499	3219	3522	3380	3456	3348	3463	3468	3380	3492	3367	3463	41057	

STATION: - CHARLEVILLE

TABLE 10(b)

## CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURES

TEMPERATURE (C)	PERCENTAGE OF READINGS AT OR ABOVE GIVEN TEMPERATURE													YEAR
	MONTH													
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
-3	100.0	100.0	100.0	100.0	100.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	
-2	100.0	100.0	100.0	100.0	100.0	99.7	99.5	99.9	100.0	100.0	100.0	100.0	99.9	
-1	100.0	100.0	100.0	100.0	100.0	99.4	98.3	99.7	100.0	100.0	100.0	100.0	99.8	
0	100.0	100.0	100.0	100.0	100.0	98.9	97.0	99.2	100.0	100.0	100.0	100.0	99.6	
1	100.0	100.0	100.0	100.0	99.9	98.6	95.4	98.8	100.0	100.0	100.0	100.0	99.4	
2	100.0	100.0	100.0	100.0	99.8	97.3	93.1	97.6	99.9	100.0	100.0	100.0	99.0	
3	100.0	100.0	100.0	100.0	99.2	95.6	90.0	95.8	99.3	100.0	100.0	100.0	98.3	
4	100.0	100.0	100.0	100.0	98.5	93.2	87.1	93.7	98.6	100.0	100.0	100.0	97.6	
5	100.0	100.0	100.0	99.9	97.0	90.7	84.1	91.6	97.4	99.9	100.0	100.0	96.7	
6	100.0	100.0	100.0	99.8	95.5	87.1	80.7	88.6	96.4	99.7	100.0	100.0	95.6	
7	100.0	100.0	100.0	99.6	93.5	83.8	76.8	85.8	94.3	99.3	100.0	100.0	94.4	
8	100.0	100.0	100.0	99.3	91.1	79.2	71.8	83.1	92.6	98.9	100.0	100.0	93.0	
9	100.0	100.0	100.0	98.7	88.2	74.2	66.2	79.4	90.3	98.3	99.9	100.0	91.3	
10	100.0	100.0	99.9	98.0	84.6	69.4	61.6	75.4	88.5	97.5	99.8	100.0	89.5	
11	100.0	99.9	99.8	96.8	81.6	63.8	57.5	71.0	86.2	96.4	99.5	100.0	87.7	
12	100.0	99.9	99.7	95.3	77.5	57.3	53.0	66.1	82.9	95.1	99.2	99.9	85.5	
13	100.0	99.9	99.3	93.5	72.7	51.8	48.7	61.2	80.0	93.3	98.3	99.9	83.2	
14	99.9	99.9	98.9	90.8	66.9	45.7	42.0	55.2	75.5	91.0	97.4	99.7	80.2	
15	99.8	99.7	98.3	87.8	61.3	39.8	36.0	48.7	70.8	88.9	96.0	99.4	77.2	
16	99.6	99.5	97.3	84.1	55.5	33.8	30.1	43.1	66.2	85.9	94.3	98.7	74.0	
17	99.3	99.1	96.0	79.5	49.3	27.7	24.7	36.9	60.9	82.8	92.1	97.9	70.5	
18	98.5	98.4	94.0	74.1	42.6	21.9	19.7	30.9	54.9	78.2	88.4	96.3	66.5	
19	97.0	97.5	91.3	68.6	35.7	17.1	15.4	24.8	48.2	72.9	84.8	93.9	62.2	
20	95.5	96.0	86.9	62.5	29.9	13.1	12.0	20.6	41.9	67.4	81.0	90.6	58.1	
21	92.4	93.1	82.1	56.1	24.0	9.5	8.5	16.9	37.0	62.1	77.1	87.2	53.8	
22	88.5	88.7	76.1	49.2	19.6	5.6	5.3	13.3	31.0	56.1	72.3	82.5	49.0	
23	82.9	83.3	68.3	42.5	15.0	3.2	3.0	9.9	25.7	50.0	67.0	77.1	43.9	
24	77.1	76.9	61.3	36.4	10.7	1.6	1.8	7.2	21.4	43.2	61.6	72.5	39.2	
25	70.7	71.3	54.1	31.3	6.4	0.8	0.7	4.9	17.2	36.8	55.7	67.5	34.7	
26	65.0	65.6	47.4	27.0	3.3	0.3	0.4	3.0	13.4	32.0	50.9	61.5	30.7	
27	58.6	58.2	40.9	21.1	1.3	0.1	0.2	1.5	10.0	27.3	45.4	56.0	26.7	
28	52.0	50.4	34.1	15.3	0.5	0.0	0.1	0.7	6.9	22.9	39.5	50.2	22.7	
29	45.7	43.7	27.5	10.3	0.2	0.0	0.0	0.3	4.9	18.4	32.8	44.3	19.0	
30	39.0	37.3	21.9	6.7	0.1	0.0	0.0	0.1	3.1	14.1	27.6	38.0	15.6	
31	33.1	31.5	17.0	4.3	0.0	0.0	0.0	0.0	1.7	10.7	22.9	32.5	12.8	
32	27.9	25.3	12.3	2.3	0.0	0.0	0.0	0.0	1.0	7.2	18.4	27.2	10.1	
33	22.3	19.3	8.0	1.1	0.0	0.0	0.0	0.0	0.5	4.7	14.0	21.8	7.6	
34	17.7	14.4	5.0	0.4	0.0	0.0	0.0	0.0	0.1	2.8	10.1	17.1	5.6	
35	13.3	10.5	2.6	0.2	0.0	0.0	0.0	0.0	0.1	1.5	6.9	12.9	4.0	
36	9.7	6.7	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.8	4.6	9.4	2.7	
37	6.2	3.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.4	2.6	5.7	1.6	
38	4.1	1.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.5	3.2	0.9	
39	2.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.7	1.6	0.4	
40	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.8	0.2	
41	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.1	
42	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	
43	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	
45	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
46	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
NUMBER OF READINGS	3499	3219	3522	3380	3456	3348	3463	3468	3380	3492	3367	3463	41057	

STATION: - CHARLEVILLE

TABLE 10(c)

## PERCENTAGE FREQUENCY DISTRIBUTIONS OF RELATIVE HUMIDITIES

RELATIVE HUMIDITY (%)	MONTH												YEAR	CUMULATIVE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
3-4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.2	0.1	99.9	0.0
5-6	0.5	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.8	0.7	0.2	99.7	0.1
7-8	0.8	0.2	0.2	0.1	0.0	0.0	0.0	0.1	0.4	0.5	2.4	1.5	0.5	99.2	0.3
9-10	0.9	0.9	0.4	0.1	0.0	0.1	0.1	0.1	1.0	0.9	2.8	2.0	0.8	98.4	0.8
11-12	1.1	0.7	0.7	0.3	0.1	0.1	0.2	0.7	1.3	1.7	3.8	2.6	1.1	97.4	1.6
13-14	2.4	1.3	1.0	0.9	0.1	0.2	0.4	0.8	1.7	2.7	4.4	3.2	1.6	95.8	2.6
15-16	2.3	1.9	1.6	0.9	0.4	0.0	0.6	1.3	2.1	3.6	5.1	4.5	2.0	93.7	4.2
17-18	3.1	2.5	1.7	1.4	0.6	0.3	0.9	1.7	3.5	4.5	5.5	4.1	2.5	91.2	6.3
19-20	3.0	3.0	2.0	1.7	1.0	0.2	0.9	1.7	3.3	4.0	5.1	3.9	2.5	88.8	8.8
21-22	3.5	3.4	2.4	2.3	1.2	0.6	1.4	2.6	3.5	4.9	5.2	3.9	2.9	85.8	11.2
23-24	3.5	3.8	2.7	3.4	1.2	0.8	2.0	2.5	3.5	4.3	5.5	4.1	3.1	82.7	14.2
25-26	3.3	3.9	3.4	3.7	1.7	1.1	1.9	3.1	4.7	4.9	5.0	4.6	3.4	79.3	17.3
27-28	3.7	3.4	3.7	3.8	2.1	1.6	1.9	3.2	4.6	4.8	4.1	4.4	3.5	75.8	20.7
29-30	3.6	3.2	3.7	4.1	2.5	1.9	2.4	3.7	4.1	4.4	3.7	3.5	3.4	72.4	24.2
31-35	7.5	9.0	8.4	10.2	7.6	6.6	7.0	8.9	9.9	9.2	7.9	8.3	8.4	64.1	27.6
36-40	7.7	8.9	9.3	10.0	8.4	7.1	8.0	8.5	7.6	9.0	7.2	7.0	8.2	55.8	35.9
41-45	7.8	8.1	8.3	9.0	8.2	8.8	7.8	7.5	7.7	7.6	5.4	7.2	7.8	48.1	44.2
46-50	6.9	7.2	8.0	8.1	7.7	7.5	6.8	7.2	7.6	6.4	5.2	5.7	7.0	41.0	51.9
51-55	6.3	6.7	7.2	8.2	7.6	6.0	7.1	6.0	5.9	5.0	3.2	4.1	6.1	34.9	59.0
56-60	5.8	6.1	6.2	6.6	7.2	6.5	6.4	6.5	5.3	4.3	3.2	3.8	5.7	29.3	65.1
61-65	4.5	4.6	5.4	5.7	6.7	6.3	6.7	6.0	4.6	3.5	2.3	3.7	5.0	24.3	70.7
66-70	3.3	4.2	3.6	4.1	5.8	7.2	7.3	4.8	3.4	2.8	2.0	2.7	4.3	20.0	75.7
71-72	1.2	1.2	1.8	2.0	2.8	2.9	2.7	1.8	1.0	0.9	0.8	0.9	1.7	18.3	80.0
73-74	1.5	1.5	1.6	1.1	2.0	2.4	2.0	1.5	1.3	1.1	0.7	0.9	1.5	16.9	81.7
75-76	1.1	1.1	1.1	1.3	2.9	3.1	3.2	2.1	1.3	0.9	0.8	0.9	1.7	15.2	83.1
77-78	1.4	1.2	1.7	1.6	2.1	2.4	2.0	1.8	1.0	0.8	0.9	1.2	1.5	13.7	84.8
79-80	1.3	1.1	1.1	0.7	1.9	2.7	2.2	1.8	0.9	0.9	0.7	1.0	1.4	12.4	86.3
81-82	1.3	1.0	1.0	1.8	2.7	3.5	2.5	2.2	1.3	0.9	0.8	1.0	1.7	10.7	87.6
83-84	1.5	1.2	1.4	0.7	1.9	2.3	2.1	1.5	0.9	0.8	0.6	0.9	1.3	9.4	89.3
85-86	1.3	0.9	1.0	0.9	1.0	2.1	2.4	1.0	0.7	0.6	0.7	0.8	1.1	8.3	90.6
87-88	1.4	1.3	1.8	1.6	2.3	3.6	2.4	2.0	1.4	1.0	0.8	1.2	1.7	6.6	91.7
89-90	1.7	0.9	1.3	0.5	2.0	2.3	1.8	1.4	0.7	0.6	0.5	1.0	1.2	5.3	93.4
91-92	1.2	0.7	1.4	0.8	1.7	2.7	1.9	1.5	0.7	0.8	0.5	1.0	1.2	4.1	94.7
93-94	1.4	2.1	1.7	1.1	2.1	3.3	2.0	1.8	1.1	0.9	0.7	1.6	1.6	2.4	95.9
95-96	1.4	1.1	1.7	0.7	2.5	2.1	1.7	1.7	1.1	0.5	0.7	1.3	1.4	1.1	97.6
97-98	0.6	0.7	1.1	0.6	1.5	1.2	0.9	0.8	0.6	0.3	0.6	0.6	0.8	0.3	98.9
NUMBER OF READINGS	3498	3219	3522	3380	3456	3357	3479	3470	3380	3492	3367	3464	41084		

TABLE 10(d)

STATION: - CHARLEVILLE

## PERCENTAGE FREQUENCY DISTRIBUTION OF ABSOLUTE HUMIDITIES

DEW POINT (C)	VAPOUR PRESSURE (mbar)	MONTH												YEAR	CUMULATIVE	
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
-14	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
-13	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
-12	2.5	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.1	0.0	0.0	100.0	0.0
-11	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.1	0.1	0.0	99.9	0.0
-10	2.9	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.1	0.1	0.0	0.1	0.1	0.1	99.9	0.1
-9	3.1	0.1	0.0	0.0	0.0	0.0	0.1	1.4	0.6	0.9	0.4	1.3	0.3	0.4	99.4	0.1
-8	3.3	0.1	0.0	0.1	0.0	0.0	0.3	1.0	0.7	0.5	0.2	0.4	0.3	0.3	99.1	0.6
-7	3.6	0.2	0.1	0.2	0.0	0.1	0.7	1.4	1.0	1.0	0.5	0.8	0.4	0.5	98.6	0.9
-6	3.9	0.3	0.0	0.2	0.1	0.1	0.9	2.4	1.9	1.6	0.7	1.1	0.4	0.8	97.8	1.4
-5	4.3	0.1	0.1	0.2	0.2	0.3	0.6	1.9	2.6	1.7	0.8	1.1	0.4	0.8	97.0	2.2
-4	4.6	0.4	0.1	0.3	0.3	1.1	1.1	4.9	3.6	3.3	1.5	2.3	0.9	1.7	95.3	3.0
-3	4.9	0.4	0.2	0.3	1.1	2.4	2.0	5.2	5.0	5.1	2.2	2.8	1.3	2.4	93.0	4.7
-2	5.3	0.5	0.4	0.5	0.9	3.0	3.0	7.1	6.7	5.7	2.6	3.7	1.5	3.0	90.0	7.0
-1	5.7	0.8	0.9	1.0	1.4	3.4	4.5	7.2	7.5	6.2	4.0	3.9	1.5	3.5	86.5	10.0
0	6.2	0.5	0.4	0.7	0.8	2.5	3.7	6.1	4.9	4.1	3.2	2.6	1.4	2.6	83.9	13.5
1	6.7	1.5	1.1	1.7	3.0	5.2	7.8	8.1	8.9	6.2	5.2	4.6	2.4	4.6	79.2	16.1
2	7.1	1.7	0.9	1.5	2.7	6.4	9.5	8.4	9.6	7.8	5.6	5.1	2.7	5.2	74.1	20.8
3	7.7	2.1	1.6	1.9	4.7	6.5	10.5	8.5	8.7	7.7	5.8	4.8	3.6	5.5	68.5	25.9
4	8.2	2.3	1.6	1.8	5.7	7.0	9.9	7.2	6.8	6.5	6.0	5.3	3.5	5.3	63.2	31.5
5	8.7	1.4	1.4	1.9	4.7	4.8	6.5	4.9	3.9	4.6	5.0	3.9	1.8	3.7	59.5	36.8
6	9.4	2.0	2.3	3.2	6.5	7.1	8.1	4.1	4.8	6.2	6.9	5.5	4.0	5.0	54.5	40.5
7	10.0	2.9	2.7	3.5	7.5	7.2	7.7	3.7	3.5	5.2	7.4	5.6	4.8	5.2	49.3	45.5
8	10.7	3.3	3.7	4.4	8.7	7.5	6.3	3.4	3.5	5.3	7.6	5.9	5.0	5.4	43.9	50.7
9	11.5	4.1	5.3	6.2	9.9	7.0	5.5	3.0	3.4	3.9	6.1	4.7	5.6	5.4	38.5	56.1
10	12.3	2.9	3.4	4.5	6.4	3.9	2.7	2.2	2.4	2.6	3.9	3.5	3.6	3.5	35.1	61.5
11	13.1	5.3	7.1	6.7	8.8	5.3	2.6	1.9	2.6	3.0	5.4	5.7	7.0	5.1	29.9	64.9
12	14.0	5.6	5.7	7.7	7.7	5.1	1.9	2.6	2.7	2.7	4.6	4.4	5.7	4.7	25.2	70.1
13	15.0	6.7	7.0	7.6	5.6	4.0	2.4	1.8	1.7	2.3	4.3	4.1	6.0	4.4	20.8	74.8
14	16.0	5.9	7.7	7.4	3.8	3.9	1.2	0.8	1.4	1.9	3.3	4.1	5.6	3.9	16.9	79.2
15	17.1	5.6	4.5	5.0	2.8	1.9	0.4	0.3	0.7	1.1	1.8	2.6	4.6	2.6	14.3	83.1
16	18.2	8.1	7.5	6.6	2.3	2.3	0.1	0.2	0.3	1.2	2.4	3.3	5.4	3.3	11.0	85.7
17	19.4	7.8	8.7	6.2	2.0	1.0	0.0	0.0	0.1	0.9	1.8	2.8	6.2	3.1	7.8	89.0
18	20.6	8.5	8.3	6.4	1.3	0.7	0.0	0.0	0.0	0.4	0.6	2.3	4.9	2.8	5.1	92.2
19	22.0	6.8	5.8	4.9	0.8	0.2	0.0	0.0	0.0	0.1	0.2	1.0	4.3	2.0	3.1	94.9
20	23.4	3.9	4.6	3.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.3	2.3	1.2	1.9	96.9
21	24.9	3.5	3.5	1.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.8	1.0	0.9	98.1
22	26.4	2.4	2.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	0.5	0.3	99.1
23	28.1	1.5	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.1	99.7
24	29.8	0.4	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	99.9
NUMBER OF READINGS		3498	3219	3522	3380	3456	3357	3479	3470	3380	3492	3367	3464	41084		

NUMBER OF DEW POINTS GREATER THAN 38C 0  
NUMBER OF DEW POINTS LESS THAN -15C 1

STATION:- CHARLEVILLE

TABLE 10(e)

DOUBLE CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION FOR TEMPERATURE AND RELATIVE HUMIDITY

TEMPERATURE (C)	PERCENTAGE OF READINGS AT OR ABOVE GIVEN CONDITIONS RELATIVE HUMIDITY (%)																NUMBER OF READINGS
	0	5	10	15	20	25	30	40	50	60	70	75	80	85	90	95	
-3	100.0	99.8	98.4	94.7	88.7	81.1	72.4	55.8	41.0	29.2	20.0	16.0	12.3	8.8	5.3	1.6	25
-2	99.9	99.8	98.4	94.7	88.7	81.0	72.3	55.7	40.9	29.2	19.9	16.0	12.3	8.8	5.3	1.6	59
-1	99.8	99.6	98.2	94.5	88.5	80.9	72.2	55.6	40.8	29.0	19.8	15.9	12.3	8.8	5.3	1.6	81
0	99.6	99.4	98.0	94.3	88.3	80.7	72.0	55.4	40.6	28.9	19.7	15.8	12.2	8.7	5.3	1.6	85
1	99.4	99.2	97.8	94.1	88.1	80.4	71.8	55.2	40.4	28.7	19.5	15.7	12.1	8.6	5.2	1.6	167
2	99.0	98.8	97.4	93.7	87.7	80.0	71.4	54.8	40.0	28.4	19.3	15.5	11.9	8.5	5.2	1.6	266
3	98.3	98.2	96.8	93.1	87.1	79.4	70.7	54.2	39.4	27.8	18.8	15.1	11.7	8.3	5.0	1.5	302
4	97.6	97.4	96.0	92.3	86.3	78.7	70.0	53.4	38.7	27.2	18.3	14.7	11.3	8.1	4.9	1.5	357
5	96.7	96.6	95.2	91.5	85.5	77.8	69.1	52.6	37.9	26.5	17.8	14.3	10.9	7.8	4.8	1.5	442
6	95.6	95.5	94.1	90.4	84.4	76.7	68.1	51.5	36.9	25.7	17.2	13.8	10.5	7.5	4.7	1.5	502
7	94.4	94.3	92.9	89.2	83.2	75.5	66.8	50.3	35.8	24.8	16.6	13.3	10.2	7.3	4.6	1.5	591
8	93.0	92.8	91.4	87.7	81.7	74.0	65.4	48.9	34.5	23.7	15.8	12.7	9.7	7.1	4.4	1.4	710
9	91.3	91.1	89.7	86.0	80.0	72.3	63.7	47.3	33.1	22.5	15.1	12.1	9.3	6.8	4.3	1.4	707
10	89.5	89.4	88.0	84.3	78.3	70.6	62.0	45.6	31.7	21.4	14.3	11.5	8.9	6.6	4.1	1.3	750
11	87.7	87.6	86.1	82.5	76.4	68.8	60.2	43.9	30.3	20.3	13.6	11.0	8.5	6.3	3.9	1.2	913
12	85.5	85.3	83.9	80.2	74.2	66.6	58.0	42.0	28.7	19.1	12.8	10.3	8.0	5.9	3.7	1.2	941
13	83.2	83.0	81.6	77.9	71.9	64.3	55.8	40.0	27.2	18.1	12.1	9.7	7.5	5.6	3.5	1.1	1221
14	80.2	80.1	78.7	75.0	69.0	61.3	52.9	37.5	25.3	16.7	11.1	8.9	7.0	5.2	3.2	1.0	1242
15	77.2	77.0	75.6	71.9	65.9	58.4	50.0	35.2	23.6	15.5	10.2	8.2	6.4	4.7	2.9	0.9	1323
16	74.0	73.8	72.4	68.7	62.7	55.2	47.1	32.8	21.9	14.3	9.4	7.5	5.8	4.2	2.6	0.8	1427
17	70.5	70.3	68.9	65.3	59.3	51.9	44.0	30.4	20.1	13.0	8.5	6.7	5.2	3.8	2.3	0.7	1654
18	66.5	66.3	64.9	61.2	55.4	48.2	40.5	27.7	18.2	11.7	7.5	6.0	4.6	3.3	2.0	0.6	1744
19	62.2	62.1	60.7	57.0	51.2	44.3	37.0	25.1	16.2	10.3	6.5	5.2	3.9	2.9	1.7	0.5	1707
20	58.1	57.9	56.5	52.9	47.2	40.5	33.7	22.5	14.3	8.8	5.5	4.3	3.2	2.3	1.4	0.4	1754
21	53.8	53.6	52.2	48.6	43.1	36.8	30.4	20.0	12.4	7.5	4.5	3.4	2.6	1.8	1.1	0.3	1979
22	49.0	48.8	47.4	43.9	38.6	32.6	26.7	17.2	10.3	5.9	3.3	2.5	1.8	1.2	0.7	0.2	2066
23	43.9	43.8	42.4	39.0	33.9	28.3	22.9	14.2	8.1	4.3	2.2	1.5	1.0	0.6	0.4	0.1	1926
24	39.2	39.1	37.7	34.4	29.7	24.4	19.4	11.5	6.1	3.0	1.3	0.8	0.5	0.3	0.2	0.1	1859
25	34.7	34.6	33.2	30.1	25.6	20.7	16.1	9.1	4.5	2.0	0.7	0.4	0.2	0.1	0.1	0.0	1628
26	30.7	30.6	29.3	26.3	22.1	17.6	13.3	7.1	3.2	1.2	0.3	0.1	0.1	0.0	0.0	0.0	1679
27	26.7	26.5	25.3	22.4	18.5	14.4	10.6	5.2	2.1	0.6	0.1	0.0	0.0	0.0	0.0	0.0	1638
28	22.7	22.5	21.3	18.7	15.1	11.4	8.1	3.6	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	1524
29	19.0	18.8	17.7	15.3	12.0	8.7	5.9	2.3	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1373
30	15.6	15.5	14.5	12.2	9.4	6.4	4.1	1.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1166
31	12.8	12.7	11.7	9.7	7.2	4.7	2.8	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1098
32	10.1	10.0	9.1	7.4	5.2	3.2	1.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1015
33	7.6	7.5	6.8	5.3	3.5	1.9	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	822
34	5.6	5.5	4.9	3.7	2.3	1.2	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	674
35	4.0	3.9	3.4	2.5	1.4	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	533
36	2.7	2.6	2.3	1.5	0.8	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	454
37	1.6	1.6	1.3	0.9	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	281
38	0.9	0.9	0.7	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	192
39	0.4	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	102
40	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40
41	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20
42	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7
43	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4
45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
46	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
NUMBER OF READINGS	59	579	1516	2468	3151	3551	6816	6084	4828	3805	1609	1518	1441	1448	1513	671	41057

TABLE 11

STATION:- CLONCURRY M.O.

BUREAU OF METEOROLOGY NUMBER:- 29009

LATITUDE:- 20 40 E

LONGITUDE:- 140 30 S

ELEVATION:- 189m AMSL

PERIOD OF RECORD:- 1/ 1/1963 TO 24/ 5/1975

TABLE OF MISSING READINGS

TIME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0000	403	363	403	390	396	360	372	372	360	372	360	368	4519
0300	19	16	6	3	3	2	1	1	0	0	15	17	83
0600	1	2	1	0	3	1	1	0	0	0	0	2	11
0900	1	0	3	0	2	1	0	0	0	0	1	0	8
1200	0	0	0	1	2	1	0	1	1	0	2	0	8
1500	21	0	3	0	2	1	0	2	0	0	7	14	50
1800	0	0	0	0	4	0	0	1	1	0	0	0	6
2100	16	20	5	0	5	0	0	0	0	0	7	16	69
TOTAL	461	401	421	394	417	366	374	377	362	372	392	417	4754

STATION: - CLONCURRY M.O.

TABLE 11(a)

## PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURES

TEMPERATURE (C)	MONTH												YEAR	CUMULATIVE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
5	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	100.0	0.0
6	0.0	0.0	0.0	0.0	0.1	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.1	99.9	0.0
7	0.0	0.0	0.0	0.0	0.1	0.4	1.0	0.2	0.0	0.0	0.0	0.0	0.1	99.7	0.1
8	0.0	0.0	0.0	0.0	0.1	0.7	1.9	0.5	0.0	0.0	0.0	0.0	0.3	99.5	0.3
9	0.0	0.0	0.0	0.0	0.2	1.6	2.5	1.3	0.0	0.0	0.0	0.0	0.5	99.0	0.5
10	0.0	0.0	0.0	0.0	0.7	1.7	2.6	1.1	0.1	0.0	0.0	0.0	0.5	98.5	1.0
11	0.0	0.0	0.0	0.0	0.7	2.9	3.6	2.2	0.6	0.2	0.0	0.0	0.8	97.7	1.5
12	0.0	0.0	0.0	0.0	1.2	3.1	4.5	2.7	0.7	0.1	0.0	0.0	1.0	96.7	2.3
13	0.0	0.0	0.0	0.1	2.0	5.3	5.0	3.4	1.3	0.1	0.0	0.0	1.4	95.3	3.3
14	0.0	0.0	0.0	0.2	2.5	4.8	6.2	4.0	2.0	0.2	0.0	0.0	1.6	93.6	4.7
15	0.0	0.0	0.0	0.3	2.8	4.9	5.6	4.3	2.0	0.6	0.1	0.0	1.7	91.9	6.4
16	0.0	0.0	0.0	0.7	3.3	6.6	5.8	5.4	2.8	0.4	0.2	0.0	2.1	89.8	8.1
17	0.0	0.0	0.1	1.0	5.1	6.8	5.6	5.6	3.2	1.0	0.2	0.0	2.4	87.5	10.2
18	0.0	0.0	0.2	2.4	5.9	6.6	5.6	6.0	3.9	1.5	0.4	0.1	2.7	84.8	12.5
19	0.0	0.0	0.3	3.3	5.5	5.9	5.9	5.8	4.4	1.9	0.7	0.2	2.8	81.9	15.2
20	0.2	0.1	1.1	3.1	6.0	5.4	5.8	4.9	5.1	2.6	0.8	0.4	3.0	79.0	18.1
21	0.6	0.5	2.0	5.4	7.4	6.4	6.0	6.3	5.5	3.1	1.7	0.6	3.8	75.2	21.0
22	0.6	1.3	3.3	6.5	7.2	5.1	5.5	5.4	5.8	4.5	2.5	1.8	4.1	71.0	24.8
23	2.2	3.4	4.6	6.5	7.1	6.2	4.8	5.3	5.8	5.0	3.3	2.3	4.7	66.3	29.0
24	4.5	5.3	7.3	7.3	6.1	6.2	4.5	5.2	6.5	4.5	4.1	4.5	5.5	60.8	33.7
25	5.5	6.2	6.6	6.5	4.6	5.8	4.7	4.4	5.3	4.8	5.1	4.5	5.3	55.5	39.2
26	6.1	8.6	7.9	7.2	5.6	4.7	4.3	4.4	5.0	5.4	4.9	5.2	5.8	49.7	44.5
27	6.5	7.6	8.2	6.7	6.3	3.9	3.6	6.0	5.7	6.4	6.4	5.7	6.1	43.6	50.3
28	7.3	8.8	7.0	7.0	6.7	2.0	2.0	4.0	5.2	5.9	5.1	6.8	5.7	37.9	56.4
29	7.3	7.0	6.7	5.1	5.3	1.2	1.3	4.1	5.1	5.3	5.5	5.7	5.0	32.9	62.1
30	6.1	5.4	5.6	5.5	3.2	0.6	0.6	2.8	4.2	5.7	4.4	5.9	4.2	28.7	67.1
31	6.4	6.7	6.3	6.8	2.6	0.3	0.2	2.2	6.0	6.0	6.2	6.3	4.7	24.0	71.3
32	5.4	5.4	7.2	6.8	1.1	0.2	0.0	1.3	5.8	6.3	6.8	6.8	4.4	19.6	76.0
33	5.2	7.6	7.0	4.8	0.5	0.1	0.0	0.7	3.5	5.9	5.9	5.8	3.9	15.6	80.4
34	5.6	6.2	5.9	3.6	0.1	0.1	0.0	0.4	2.5	5.8	5.9	5.6	3.5	12.2	84.4
35	4.3	5.4	4.6	1.7	0.0	0.0	0.0	0.0	1.2	4.8	6.6	5.4	2.8	9.3	87.8
36	5.8	5.0	3.5	1.0	0.0	0.0	0.0	0.0	0.4	5.3	6.4	6.3	2.8	6.5	90.7
37	6.0	3.8	2.7	0.3	0.0	0.0	0.0	0.0	0.3	4.1	5.7	5.4	2.3	4.2	93.5
38	5.6	2.5	1.0	0.2	0.0	0.0	0.0	0.0	0.0	1.8	4.0	5.6	1.7	2.5	95.8
39	4.3	1.4	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.6	3.3	4.1	1.2	1.3	97.5
40	2.0	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.8	2.3	0.6	0.6	98.7
41	1.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.7	0.4	0.2	99.4
42	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.8	0.2	0.1	99.8
43	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.1	0.0	99.9
NUMBER OF READINGS	2763	2535	2803	2726	2751	2514	2602	2599	2518	2604	2488	2559	31462		

STATION: - CLONCURRY M.O.

TABLE 11(b)

CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURES

PERCENTAGE OF READINGS AT OR ABOVE GIVEN TEMPERATURE

TEMPERATURE (C)	MONTH												YEAR
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
5	100.0	100.0	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0
6	100.0	100.0	100.0	100.0	100.0	99.8	99.7	99.9	100.0	100.0	100.0	100.0	100.0
7	100.0	100.0	100.0	100.0	99.9	99.6	99.2	99.9	100.0	100.0	100.0	100.0	99.9
8	100.0	100.0	100.0	100.0	99.8	99.2	98.2	99.7	100.0	100.0	100.0	100.0	99.7
9	100.0	100.0	100.0	100.0	99.6	98.5	96.3	99.3	100.0	100.0	100.0	100.0	99.5
10	100.0	100.0	100.0	100.0	99.5	96.9	93.8	97.9	100.0	100.0	100.0	100.0	99.0
11	100.0	100.0	100.0	100.0	98.8	95.2	91.2	96.8	99.8	100.0	100.0	100.0	98.5
12	100.0	100.0	100.0	100.0	98.0	92.3	87.6	94.6	99.3	99.8	100.0	100.0	97.7
13	100.0	100.0	100.0	100.0	96.9	89.1	83.1	92.0	98.6	99.8	100.0	100.0	96.7
14	100.0	100.0	100.0	99.9	94.9	83.9	78.1	88.5	97.3	99.7	100.0	100.0	95.3
15	100.0	100.0	100.0	99.7	92.4	79.1	71.9	84.5	95.3	99.5	100.0	100.0	93.6
16	100.0	100.0	99.9	99.4	89.6	74.2	66.3	80.2	93.3	98.9	99.9	100.0	91.9
17	100.0	100.0	99.9	98.7	86.3	67.6	60.5	74.8	90.5	98.5	99.8	100.0	89.8
18	100.0	100.0	99.8	97.7	81.2	60.7	54.8	69.2	87.3	97.5	99.6	99.9	87.5
19	100.0	100.0	99.5	95.3	75.3	54.1	49.2	63.2	83.4	96.0	99.2	99.8	84.8
20	100.0	100.0	99.3	92.0	69.8	48.2	43.3	57.4	79.0	94.1	98.4	99.6	81.9
21	99.7	99.9	98.2	88.9	63.8	42.8	37.5	52.4	73.9	91.4	97.6	99.2	79.0
22	99.2	99.4	96.2	83.5	56.4	36.4	31.6	46.1	68.4	88.3	95.9	98.6	75.2
23	98.6	98.1	92.9	77.0	49.1	31.2	26.0	40.7	62.5	83.9	93.5	96.8	71.0
24	96.3	94.8	88.3	70.6	42.1	25.1	21.3	35.5	56.8	78.8	90.2	94.5	66.3
25	91.8	89.5	81.0	63.2	35.9	18.9	16.7	30.2	50.3	74.3	86.1	90.0	60.8
26	86.4	83.2	74.3	56.8	31.3	13.0	12.1	25.9	45.0	69.5	81.0	85.5	55.5
27	80.2	74.7	66.5	49.6	25.7	8.3	7.8	21.5	40.0	64.1	76.1	80.4	49.7
28	73.8	67.1	58.3	42.9	19.4	4.4	4.2	15.5	34.3	57.7	69.7	74.7	43.6
29	66.5	58.2	51.3	35.9	12.7	2.4	2.2	11.5	29.1	51.8	64.5	67.9	37.9
30	59.2	51.2	44.5	30.7	7.5	1.2	0.8	7.5	23.9	46.5	59.0	62.2	32.9
31	53.1	45.8	38.9	25.2	4.3	0.6	0.3	4.7	19.7	40.8	54.7	56.4	28.7
32	46.8	39.0	32.6	18.4	1.7	0.4	0.0	2.5	13.7	34.8	48.4	50.1	24.0
33	41.3	33.6	25.5	11.6	0.6	0.2	0.0	1.2	7.9	28.5	41.6	43.3	19.6
34	36.2	26.0	18.5	6.7	0.1	0.1	0.0	0.5	4.4	22.6	35.7	37.5	15.6
35	30.5	19.8	12.6	3.2	0.0	0.0	0.0	0.1	1.9	16.8	29.7	31.8	12.2
36	26.3	14.4	7.9	1.5	0.0	0.0	0.0	0.1	0.7	12.0	23.1	26.5	9.3
37	20.5	9.3	4.4	0.5	0.0	0.0	0.0	0.0	0.3	6.6	16.6	20.2	6.5
38	14.5	5.5	1.7	0.3	0.0	0.0	0.0	0.0	0.0	2.6	10.9	14.8	4.2
39	9.0	3.0	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.7	6.9	9.2	2.5
40	4.6	1.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	3.6	5.1	1.3
41	2.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	2.8	0.6
42	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.1	0.2
43	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.1
44	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
NUMBER OF READINGS	2763	2535	2803	2726	2751	2514	2602	2599	2518	2604	2488	2559	31462

STATION: - CLONCURRY M.O.

TABLE 11(c)

PERCENTAGE FREQUENCY DISTRIBUTIONS OF RELATIVE HUMIDITIES

RELATIVE HUMIDITY (%)	MONTH												YEAR	CUMULATIVE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
3-4	0.3	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.6	0.5	1.6	1.1	0.3	99.6	0.1
5-6	1.0	0.2	0.1	0.0	0.0	0.0	0.3	0.7	2.1	1.6	3.1	1.8	0.9	98.7	0.4
7-8	1.6	0.3	0.4	0.3	0.0	0.1	0.3	1.4	3.3	2.4	5.1	2.7	1.4	97.3	1.3
9-10	2.1	0.7	1.1	1.1	0.4	0.2	0.8	2.1	3.9	4.5	5.7	3.1	2.1	95.2	2.7
11-12	2.3	0.6	1.1	2.2	0.7	0.4	1.5	3.7	5.2	5.5	4.9	3.8	2.6	92.5	4.8
13-14	2.8	1.0	1.2	2.8	1.3	1.2	2.6	5.0	5.7	6.4	6.0	4.0	3.3	89.2	7.5
15-16	3.4	1.5	2.0	4.2	1.6	1.2	2.8	6.1	6.3	7.9	6.3	5.1	4.0	85.2	10.8
17-18	3.4	2.1	2.0	3.9	2.7	1.5	4.8	6.9	8.1	7.1	6.6	4.3	4.4	80.8	14.8
19-20	3.3	2.1	2.4	4.7	3.0	2.4	4.3	5.7	6.8	7.0	6.6	4.9	4.4	76.4	19.2
21-22	3.7	2.8	3.2	5.1	3.0	2.5	4.3	5.7	5.7	6.5	5.7	4.3	4.4	72.1	23.6
23-24	4.1	2.6	3.2	4.8	4.3	3.3	5.0	6.0	6.7	6.3	5.4	4.8	4.7	67.4	27.9
25-26	3.0	2.1	3.2	5.4	4.7	3.7	4.9	5.4	5.6	5.8	4.3	3.6	4.3	63.1	32.6
27-28	3.6	2.7	3.5	4.9	4.8	4.3	4.1	5.1	5.5	6.2	3.8	3.5	4.3	58.8	36.9
29-30	2.6	3.3	3.5	4.7	5.2	5.3	5.1	4.6	5.1	5.1	4.4	3.2	4.3	54.4	41.2
31-35	6.8	7.0	8.8	11.7	13.2	13.8	11.8	12.0	9.8	8.4	6.8	8.1	9.9	44.6	45.6
36-40	6.2	7.8	8.6	9.8	12.5	13.4	12.1	8.5	6.5	5.5	5.6	6.1	8.6	36.0	55.4
41-45	5.2	7.6	7.8	6.9	10.0	11.6	9.1	5.7	3.8	3.5	4.2	5.9	6.8	29.2	64.0
46-50	5.8	6.7	7.1	5.6	8.3	9.7	6.9	4.3	2.5	2.3	3.2	4.2	5.6	23.6	70.8
51-55	5.7	5.8	7.1	4.7	6.4	7.8	5.3	2.7	1.7	1.8	2.3	5.1	4.7	18.9	76.4
56-60	5.6	7.1	5.5	3.7	4.4	5.6	4.8	2.2	1.0	1.6	1.8	4.6	4.0	14.9	81.1
61-65	4.1	6.6	4.9	2.8	4.0	5.0	2.8	1.7	0.7	1.1	1.6	3.3	3.2	11.6	85.1
66-70	4.5	5.1	4.3	2.8	2.8	2.3	2.4	1.4	0.7	0.7	1.0	2.7	2.6	9.1	88.4
71-72	1.5	2.1	1.5	0.7	1.1	0.9	0.7	0.3	0.2	0.3	0.2	0.8	0.9	8.2	90.9
73-74	1.9	2.1	1.5	0.8	0.8	0.7	0.5	0.2	0.4	0.2	0.5	1.1	0.9	7.3	91.8
75-76	1.2	1.7	1.0	0.6	0.6	0.4	0.2	0.3	0.1	0.1	0.1	1.1	0.6	6.7	92.7
77-78	1.4	2.0	1.1	0.6	0.8	0.8	0.4	0.3	0.2	0.2	0.4	0.8	0.8	5.9	93.3
79-80	1.2	1.3	1.1	0.5	0.7	0.5	0.4	0.3	0.2	0.1	0.2	0.8	0.6	5.3	94.1
81-82	1.3	1.9	1.2	0.6	0.3	0.2	0.2	0.2	0.2	0.3	0.4	0.9	0.6	4.7	94.7
83-84	1.2	1.5	1.5	0.5	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.5	0.6	4.1	95.3
85-86	1.3	1.6	1.3	0.3	0.5	0.4	0.2	0.2	0.4	0.3	0.2	0.6	0.6	3.5	95.9
87-88	1.2	1.5	1.4	0.5	0.2	0.4	0.1	0.2	0.3	0.3	0.2	0.7	0.6	2.9	96.5
89-90	1.2	1.8	1.5	0.8	0.2	0.1	0.1	0.3	0.3	0.3	0.2	0.6	0.6	2.3	97.1
91-92	1.8	2.1	1.2	0.5	0.2	0.1	0.2	0.1	0.1	0.2	0.2	0.5	0.6	1.7	97.7
93-94	0.8	1.7	1.9	0.6	0.6	0.3	0.5	0.2	0.1	0.2	0.2	0.7	0.7	1.0	98.3
95-96	1.7	2.1	2.0	1.0	0.3	0.1	0.0	0.1	0.1	0.0	0.2	0.5	0.7	0.4	99.0
97-98	1.2	1.0	0.7	0.1	0.1	0.0	0.2	0.0	0.0	0.0	0.1	0.2	0.3	0.1	99.6
NUMBER OF READINGS	2763	2535	2803	2726	2751	2514	2602	2599	2518	2604	2487	2559	31461		

STATION: - CLONCURRY M.O.

TABLE 11(d)

## PERCENTAGE FREQUENCY DISTRIBUTION OF ABSOLUTE HUMIDITIES

DEW POINT (C)	VAPOUR PRESSURE (mbar)	MONTH												YEAR	CUMULATIVE	
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
-14	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
-13	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.0	0.0	0.0	0.0	99.9	0.0
-12	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.1	0.0	0.0	0.0	99.9	0.1
-11	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.4	0.1	0.2	0.0	0.1	99.8	0.1
-10	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.5	0.5	0.4	0.2	0.0	0.2	99.6	0.2
-9	3.1	0.5	0.0	0.2	0.0	0.2	0.4	3.8	6.2	7.5	2.6	5.1	1.9	2.3	97.3	0.4
-8	3.3	0.3	0.0	0.2	0.1	0.5	0.8	2.1	3.9	2.4	1.7	1.8	0.7	1.2	96.2	2.7
-7	3.6	0.4	0.1	0.1	0.2	0.5	0.8	2.1	3.0	3.1	1.3	1.5	0.6	1.1	95.1	3.8
-6	3.9	0.3	0.1	0.0	0.5	0.9	1.6	3.1	4.2	3.1	1.7	1.7	0.9	1.5	93.6	4.9
-5	4.3	0.2	0.0	0.1	0.3	0.6	0.9	1.8	2.8	1.9	1.4	1.3	0.7	1.0	92.6	6.4
-4	4.6	0.9	0.0	0.5	0.6	1.5	2.0	3.9	5.7	3.5	2.6	2.4	1.3	2.0	90.6	7.4
-3	4.9	1.0	0.1	0.8	1.1	1.9	2.7	6.3	5.9	5.0	3.0	2.5	1.8	2.6	88.0	9.4
-2	5.3	1.0	0.3	0.7	1.8	3.2	3.7	7.5	5.7	5.1	3.8	2.7	1.4	3.0	84.9	12.0
-1	5.7	0.7	0.5	1.3	1.9	3.9	3.9	7.5	5.7	5.5	3.5	3.5	1.7	3.3	81.7	15.1
0	6.2	0.7	0.4	0.5	2.2	1.9	2.6	4.9	5.3	3.5	2.9	2.2	1.5	2.3	79.3	18.3
1	6.7	1.4	0.8	1.0	2.5	3.9	5.7	6.6	4.9	5.3	4.6	3.0	2.3	3.5	75.9	20.7
2	7.1	1.2	0.7	1.0	3.2	4.0	7.4	6.6	4.8	5.5	4.8	3.1	2.6	3.7	72.1	24.1
3	7.7	1.1	1.0	1.0	3.7	5.6	7.4	5.8	4.4	5.0	4.8	3.4	2.9	3.8	68.3	27.9
4	8.2	1.4	0.9	1.5	4.0	7.1	8.7	5.8	4.1	5.9	5.5	4.2	2.3	4.3	64.1	31.7
5	8.7	1.4	0.4	0.7	2.6	3.9	5.3	2.9	2.8	3.9	3.8	3.1	1.6	2.7	61.4	35.9
6	9.4	2.1	1.3	1.7	6.0	6.0	7.2	4.5	4.0	5.4	6.1	4.9	3.0	4.3	57.1	38.6
7	10.0	2.8	1.2	1.7	6.5	7.5	7.4	4.0	4.7	4.7	6.1	4.5	3.2	4.5	52.6	42.9
8	10.7	2.8	1.5	2.7	6.3	6.8	6.9	4.7	4.5	4.4	6.1	4.6	2.9	4.5	48.0	47.4
9	11.5	2.5	2.2	2.8	5.7	6.1	6.4	3.1	4.4	3.7	5.2	5.4	3.9	4.3	43.8	52.0
10	12.3	1.7	0.8	2.2	3.8	3.3	3.5	2.8	2.3	2.4	2.8	2.9	2.0	2.5	41.2	56.2
11	13.1	3.5	1.7	4.0	6.3	5.7	5.5	3.2	2.7	2.6	5.1	4.0	3.2	4.0	37.3	58.8
12	14.0	4.0	3.0	5.2	7.2	5.8	3.7	1.8	2.5	2.3	4.5	4.5	3.8	4.1	33.2	62.7
13	15.0	4.2	4.4	6.5	5.7	4.4	2.8	1.7	1.4	2.2	3.6	4.7	5.0	3.9	29.3	66.8
14	16.0	3.9	3.9	6.8	5.2	4.4	1.4	1.2	0.9	1.2	2.5	3.9	4.6	3.4	25.9	70.7
15	17.1	2.9	3.3	4.4	4.4	2.6	0.4	0.5	0.6	0.5	1.8	2.4	4.5	2.4	23.5	74.1
16	18.2	4.5	5.6	5.9	5.5	3.7	0.6	0.4	0.6	1.0	2.2	3.6	4.9	3.3	20.3	76.5
17	19.4	5.6	6.7	6.5	3.9	2.6	0.2	0.2	0.6	0.7	1.6	3.3	4.0	3.0	17.2	79.7
18	20.6	6.9	8.4	7.3	3.0	1.0	0.1	0.1	0.3	0.4	1.9	2.5	7.3	3.3	13.9	82.8
19	22.0	6.9	8.3	7.1	1.9	0.3	0.0	0.0	0.1	0.3	1.0	2.6	6.1	2.9	11.0	86.1
20	23.4	4.5	6.0	4.8	1.2	0.1	0.0	0.0	0.0	0.4	0.5	2.1	3.6	2.0	9.0	89.0
21	24.9	8.5	11.5	7.0	1.5	0.3	0.0	0.0	0.0	0.3	0.3	1.2	6.6	3.2	5.9	91.0
22	26.4	7.3	9.6	5.7	1.1	0.0	0.0	0.0	0.0	0.0	0.2	0.6	3.9	2.4	3.4	94.1
23	28.1	7.9	8.8	5.0	0.4	0.0	0.0	0.0	0.0	0.0	0.1	0.3	2.6	2.2	1.3	96.6
24	29.8	4.2	5.4	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.1	0.2	98.7
25	31.7	0.7	0.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	99.8
NUMBER OF READINGS		2763	2535	2803	2543	2751	2514	2602	2426	2518	2604	2487	2559	31105		

NUMBER OF DEW POINTS GREATER THAN 38C 0  
 NUMBER OF DEW POINTS LESS THAN -15C 1

STATION:- CLONCURRY M.O.

TABLE 11(e)

## DOUBLE CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION FOR TEMPERATURE AND RELATIVE HUMIDITY

TEMPERATURE (C)	PERCENTAGE OF READINGS AT OR ABOVE GIVEN CONDITIONS																NUMBER READINGS
	RELATIVE HUMIDITY (%)																
	0	5	10	15	20	25	30	40	50	60	70	75	80	85	90	95	
5	100.0	99.2	95.1	87.4	76.4	65.2	54.4	36.0	23.6	14.9	9.1	7.0	5.3	3.9	2.3	0.7	10
6	100.0	99.2	95.1	87.3	76.4	65.1	54.4	36.0	23.6	14.9	9.1	7.0	5.3	3.9	2.3	0.7	22
7	99.9	99.1	95.0	87.3	76.3	65.1	54.3	35.9	23.5	14.8	9.0	7.0	5.3	3.9	2.3	0.7	45
8	99.7	99.0	94.9	87.1	76.2	64.9	54.2	35.8	23.5	14.8	9.0	7.0	5.3	3.9	2.3	0.7	83
9	99.5	98.7	94.6	86.9	75.9	64.7	53.9	35.6	23.4	14.7	9.0	7.0	5.3	3.9	2.3	0.7	146
10	99.0	98.2	94.2	86.4	75.5	64.2	53.5	35.3	23.2	14.6	9.0	7.0	5.3	3.9	2.3	0.7	160
11	98.5	97.7	93.7	85.9	75.0	63.7	53.0	34.9	22.9	14.5	8.9	6.9	5.3	3.9	2.3	0.7	263
12	97.7	96.9	92.8	85.1	74.1	63.0	52.3	34.4	22.6	14.4	8.9	6.9	5.3	3.9	2.3	0.7	316
13	96.7	95.9	91.8	84.1	73.2	62.0	51.5	33.8	22.3	14.2	8.9	6.9	5.3	3.8	2.3	0.7	444
14	95.3	94.5	90.4	82.6	71.8	60.7	50.3	33.0	21.8	14.0	8.7	6.8	5.2	3.8	2.3	0.7	518
15	93.6	92.8	88.8	81.0	70.2	59.3	49.0	32.3	21.3	13.7	8.5	6.6	5.1	3.7	2.2	0.7	534
16	91.9	91.1	87.1	79.4	68.6	57.8	47.7	31.5	20.8	13.3	8.4	6.5	5.1	3.7	2.2	0.7	654
17	89.8	89.1	85.0	77.3	66.7	56.1	46.2	30.5	20.2	13.0	8.2	6.4	5.0	3.6	2.2	0.7	744
18	87.5	86.7	82.6	75.0	64.6	54.2	44.5	29.4	19.6	12.7	8.0	6.3	4.9	3.6	2.1	0.7	854
19	84.8	84.0	79.9	72.4	62.1	52.0	42.8	28.2	18.8	12.2	7.8	6.1	4.7	3.5	2.1	0.6	887
20	81.9	81.2	77.1	69.7	59.7	49.8	41.0	27.0	18.1	11.8	7.5	5.9	4.6	3.3	2.0	0.6	934
21	79.0	78.2	74.2	66.9	57.1	47.6	39.2	25.9	17.3	11.3	7.2	5.7	4.4	3.2	1.9	0.6	1193
22	75.2	74.4	70.5	63.5	54.0	45.0	37.0	24.3	16.3	10.7	6.8	5.3	4.1	2.9	1.8	0.6	1300
23	71.0	70.3	66.4	59.6	50.6	42.1	34.5	22.7	15.1	9.8	6.2	4.8	3.7	2.6	1.5	0.5	1481
24	66.3	65.6	61.8	55.4	46.8	38.8	31.7	20.6	13.6	8.7	5.3	4.0	2.9	2.0	1.1	0.3	1741
25	60.8	60.1	56.4	50.3	42.2	34.7	28.1	18.0	11.6	7.0	4.0	2.8	1.9	1.2	0.6	0.1	1679
26	55.5	54.7	51.3	45.4	37.9	30.8	24.6	15.4	9.5	5.3	2.6	1.6	1.0	0.5	0.1	0.0	1824
27	49.7	48.9	45.6	40.1	33.2	26.6	21.0	12.6	7.4	3.6	1.4	0.7	0.3	0.1	0.0	0.0	1917
28	43.6	42.9	39.8	34.6	28.4	22.4	17.3	9.9	5.4	2.3	0.6	0.3	0.1	0.0	0.0	0.0	1789
29	37.9	37.2	34.2	29.5	23.8	18.4	13.9	7.5	3.6	1.2	0.2	0.1	0.0	0.0	0.0	0.0	1574
30	32.9	32.3	29.5	25.1	20.0	15.0	11.1	5.5	2.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	1317
31	28.7	28.1	25.5	21.6	16.8	12.3	8.8	3.9	1.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1474
32	24.0	23.5	21.1	17.6	13.4	9.5	6.4	2.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1398
33	19.6	19.1	17.0	14.1	10.4	7.1	4.5	1.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1234
34	15.6	15.2	13.4	10.9	7.7	4.9	2.8	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1097
35	12.2	11.8	10.2	8.2	5.6	3.2	1.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	890
36	9.3	9.0	7.6	5.9	3.8	1.9	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	883
37	6.5	6.3	5.2	3.8	2.3	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	738
38	4.2	4.0	3.1	2.2	1.1	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	542
39	2.5	2.3	1.7	1.1	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	376
40	1.3	1.2	0.9	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	196
41	0.6	0.6	0.4	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	124
42	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	48
43	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24
44	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5
NUMBER OF READINGS	246	1285	2447	3442	3542	3384	5800	3889	2752	1828	653	528	463	492	505	220	31476

TABLE 12

STATION:- COBAR AERO.

BUREAU OF METEOROLOGY NUMBER:- 48027

LATITUDE:- 31 32 E

LONGITUDE:- 145 49 S

ELEVATION:- 244m AMSL

PERIOD OF RECORD:- 1/ 1/1964 TO 31/12/1977

TABLE OF MISSING READINGS

TIME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0000	434	396	434	420	434	420	434	434	420	434	420	434	5114
0300	2	0	2	1	4	6	2	7	3	2	1	0	30
0600	0	0	1	1	7	8	5	1	1	2	1	1	28
0900	0	0	0	2	3	5	2	1	0	0	0	0	13
1200	0	0	0	0	1	1	0	1	0	0	0	0	3
1500	1	0	0	0	2	0	0	0	1	0	0	0	4
1800	4	2	0	0	1	0	0	0	0	0	0	0	7
2100	15	6	1	1	1	1	0	0	1	0	0	2	28
TOTAL	456	404	438	425	453	441	443	444	426	438	422	437	5227

STATION:- COBAR AERO.

TABLE 12(a)

## PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURES

TEMPERATURE (C)	MONTH												CUMULATIVE		
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	ABOVE	BELOW
0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
1	0.0	0.0	0.0	0.0	0.0	0.4	0.6	0.2	0.0	0.0	0.0	0.0	0.1	99.9	0.0
2	0.0	0.0	0.0	0.0	0.2	0.7	1.6	0.7	0.2	0.0	0.0	0.0	0.3	99.6	0.1
3	0.0	0.0	0.0	0.0	0.2	1.5	2.1	1.2	0.6	0.0	0.0	0.0	0.5	99.1	0.4
4	0.0	0.0	0.0	0.0	0.8	2.7	4.0	2.0	0.9	0.0	0.0	0.0	0.9	98.2	0.9
5	0.0	0.0	0.0	0.1	1.0	3.6	5.2	3.2	1.1	0.0	0.0	0.0	1.2	97.0	1.8
6	0.0	0.0	0.0	0.3	2.4	5.0	5.7	4.1	1.9	0.5	0.0	0.0	1.7	95.4	3.0
7	0.0	0.0	0.0	0.5	3.1	6.6	6.6	5.5	3.3	1.0	0.2	0.0	2.2	93.1	4.6
8	0.0	0.0	0.1	0.7	3.9	6.9	7.7	6.3	2.7	1.5	0.2	0.0	2.5	90.6	6.9
9	0.0	0.0	0.2	1.3	5.1	8.2	8.4	7.6	4.3	1.8	0.3	0.0	3.1	87.5	9.4
10	0.0	0.1	0.2	1.7	5.5	8.7	8.7	7.4	4.3	2.0	1.1	0.0	3.3	84.2	12.5
11	0.0	0.1	0.6	1.8	7.1	8.0	7.2	7.7	5.6	2.6	1.2	0.1	3.5	80.7	15.8
12	0.2	0.1	0.7	3.5	7.7	7.5	8.4	8.3	5.9	4.0	1.8	0.3	4.0	76.6	19.3
13	0.2	0.1	1.0	3.7	7.8	8.0	7.6	8.0	7.5	4.3	2.3	0.6	4.3	72.3	23.4
14	0.5	0.3	1.6	4.7	7.9	7.9	6.9	8.0	8.4	4.6	3.0	1.4	4.6	67.7	27.7
15	0.8	0.4	2.0	5.0	7.8	6.4	5.6	5.7	6.1	5.7	3.2	1.7	4.2	63.5	32.3
16	1.1	0.8	2.6	6.6	7.0	6.2	4.8	6.0	7.3	5.1	3.8	2.4	4.5	59.0	36.5
17	1.6	1.8	4.2	6.3	6.1	4.3	3.2	5.0	6.5	6.2	5.0	2.9	4.4	54.6	41.0
18	2.7	3.0	4.6	8.1	7.0	3.0	2.5	3.5	6.5	6.4	5.6	3.2	4.7	49.9	45.4
19	3.8	3.4	7.0	8.0	5.2	2.1	1.5	2.9	5.1	7.1	5.1	3.5	4.6	45.3	50.1
20	4.8	4.7	5.9	6.6	4.0	0.9	0.8	1.7	3.9	5.0	5.7	4.9	4.1	41.3	54.7
21	4.6	6.3	6.5	6.2	3.2	0.5	0.3	1.6	4.1	6.3	5.9	5.3	4.2	37.0	58.7
22	6.4	5.4	6.0	5.5	2.3	0.3	0.1	1.1	3.3	5.0	5.5	4.5	3.8	33.3	63.0
23	5.4	6.4	6.3	6.2	2.1	0.2	0.1	0.5	2.7	5.0	5.9	5.5	3.8	29.4	66.7
24	6.0	6.0	6.5	4.8	1.1	0.1	0.1	0.7	2.1	4.6	5.2	5.7	3.6	25.9	70.6
25	5.0	6.3	6.3	4.0	1.1	0.0	0.0	0.5	1.8	3.4	5.8	5.8	3.3	22.5	74.1
26	5.3	5.9	6.2	4.1	0.5	0.0	0.0	0.3	1.3	3.7	5.3	4.9	3.1	19.4	77.5
27	6.3	5.8	5.3	3.7	0.1	0.0	0.0	0.3	1.0	3.6	4.8	6.0	3.1	16.4	80.6
28	5.3	5.9	4.8	2.7	0.0	0.0	0.0	0.1	0.5	2.2	4.3	5.8	2.6	13.8	83.6
29	5.7	6.0	5.4	1.5	0.0	0.0	0.0	0.0	0.7	2.1	3.3	4.8	2.5	11.3	86.2
30	5.1	4.8	4.2	1.1	0.0	0.0	0.0	0.0	0.3	1.9	3.5	5.9	2.2	9.1	88.7
31	5.9	6.5	4.3	0.6	0.0	0.0	0.0	0.0	0.1	1.5	2.9	4.4	2.2	6.9	90.9
32	4.5	4.3	3.1	0.2	0.0	0.0	0.0	0.0	0.2	1.1	2.8	4.5	1.7	5.2	93.1
33	4.4	3.7	1.9	0.1	0.0	0.0	0.0	0.0	0.1	0.7	1.7	3.6	1.3	3.8	94.8
34	3.9	3.8	1.3	0.0	0.0	0.0	0.0	0.0	0.1	0.5	1.5	3.5	1.2	2.6	96.2
35	2.5	2.7	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.1	3.0	0.8	1.8	97.4
36	2.2	1.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.9	2.1	0.6	1.2	98.2
37	1.6	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.6	1.5	0.4	0.7	98.8
38	1.9	1.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.8	0.4	0.4	99.3
39	0.9	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	0.2	0.2	99.6
40	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.1	99.8
41	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	99.9
42	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	100.0
43	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
NUMBER OF READINGS	3016	2764	3034	2935	3019	2919	3029	3028	2934	3034	2938	3035	35685		

STATION: - COBAR AERO.

TABLE 12(b)

## CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURES

TEMPERATURE (C)	PERCENTAGE OF READINGS AT OR ABOVE GIVEN TEMPERATURE												YEAR
	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
0	100.0	100.0	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0
1	100.0	100.0	100.0	100.0	100.0	99.9	99.7	99.9	100.0	100.0	100.0	100.0	100.0
2	100.0	100.0	100.0	100.0	100.0	99.5	99.1	99.7	100.0	100.0	100.0	100.0	99.9
3	100.0	100.0	100.0	100.0	99.8	98.8	97.5	99.1	99.8	100.0	100.0	100.0	99.6
4	100.0	100.0	100.0	100.0	99.6	97.3	95.4	97.9	99.2	100.0	100.0	100.0	99.1
5	100.0	100.0	100.0	100.0	98.8	94.6	91.4	95.8	98.3	100.0	100.0	100.0	98.2
6	100.0	100.0	100.0	99.8	97.8	91.0	86.2	92.7	97.2	100.0	100.0	100.0	97.0
7	100.0	100.0	100.0	99.5	95.4	86.0	80.6	88.6	95.3	99.5	99.9	100.0	95.4
8	100.0	100.0	100.0	99.0	92.2	79.4	73.9	83.1	92.0	98.5	99.8	100.0	93.1
9	100.0	100.0	99.9	98.3	88.3	72.5	66.3	76.8	89.3	97.0	99.5	100.0	90.6
10	100.0	100.0	99.7	96.9	83.2	64.3	57.8	69.2	85.0	95.2	99.2	100.0	87.5
11	100.0	99.9	99.5	95.3	77.8	55.6	49.1	61.8	80.8	93.2	98.2	100.0	84.2
12	100.0	99.9	98.9	93.4	70.7	47.6	41.9	54.1	75.2	90.6	97.0	99.9	80.7
13	99.7	99.8	98.3	89.9	63.0	40.1	33.5	45.8	69.3	86.7	95.2	99.6	76.6
14	99.5	99.6	97.3	86.1	55.2	32.1	25.9	37.8	61.9	82.4	92.9	99.0	72.3
15	99.0	99.4	95.7	81.4	47.3	24.2	19.0	29.8	53.5	77.8	89.9	97.6	67.7
16	98.2	99.0	93.7	76.4	39.5	17.8	13.4	24.1	47.4	72.1	86.6	95.9	63.5
17	97.0	98.2	91.1	69.8	32.5	11.5	8.6	18.1	40.2	66.9	82.8	93.5	59.0
18	95.5	96.3	87.0	63.5	26.4	7.2	5.4	13.1	33.6	60.7	77.8	90.6	54.6
19	92.8	93.4	82.3	55.4	19.4	4.2	2.9	9.6	27.1	54.4	72.2	87.3	49.9
20	89.0	90.0	75.3	47.4	14.2	2.1	1.5	6.7	22.0	47.3	67.1	83.8	45.3
21	84.2	85.3	69.4	40.7	10.2	1.1	0.7	5.0	18.1	42.3	61.4	78.9	41.3
22	79.6	78.9	63.0	34.5	7.0	0.6	0.3	3.4	14.0	35.9	55.5	73.5	37.0
23	73.2	73.5	57.0	29.1	4.8	0.3	0.2	2.3	10.8	30.9	50.0	69.0	33.3
24	67.8	67.1	50.7	22.9	2.7	0.1	0.1	1.9	8.0	25.9	44.1	63.5	29.4
25	61.8	61.1	44.2	18.1	1.7	0.0	0.0	1.2	6.0	21.3	38.9	57.7	25.9
26	56.7	54.8	37.9	14.1	0.6	0.0	0.0	0.7	4.2	17.9	33.1	51.9	22.5
27	51.4	49.0	31.8	10.0	0.1	0.0	0.0	0.4	2.9	14.2	27.8	47.0	19.4
28	45.1	43.2	26.5	6.3	0.0	0.0	0.0	0.1	1.9	10.7	23.0	41.0	16.4
29	39.8	37.3	21.7	3.6	0.0	0.0	0.0	0.0	1.4	8.4	18.7	35.2	13.8
30	34.2	31.3	16.3	2.1	0.0	0.0	0.0	0.0	0.7	6.3	15.4	30.4	11.3
31	29.1	26.4	12.1	1.0	0.0	0.0	0.0	0.0	0.5	4.4	11.8	24.4	9.1
32	23.2	19.9	7.7	0.3	0.0	0.0	0.0	0.0	0.4	2.9	9.0	20.1	6.9
33	18.7	15.6	4.6	0.1	0.0	0.0	0.0	0.0	0.2	1.8	6.2	15.6	5.2
34	14.3	11.9	2.7	0.0	0.0	0.0	0.0	0.0	0.1	1.1	4.5	11.9	3.8
35	10.4	8.1	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.0	8.4	2.6
36	7.9	5.4	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.9	5.4	1.8
37	5.7	3.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.0	3.2	1.2
38	4.1	2.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	1.8	0.7
39	2.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.0	0.4
40	1.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	0.2
41	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1
42	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
43	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NUMBER OF READINGS	3016	2764	3034	2935	3019	2919	3029	3028	2934	3034	2938	3035	35685

STATION: - COBAR AERO.

TABLE 12(c)

## PERCENTAGE FREQUENCY DISTRIBUTIONS OF RELATIVE HUMIDITIES

RELATIVE HUMIDITY (%)	MONTH												YEAR	CUMULATIVE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
3-4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.3	0.1	99.9	0.0
5-6	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.6	1.0	0.3	99.6	0.1
7-8	1.2	0.4	0.1	0.1	0.0	0.0	0.0	0.1	0.4	0.8	1.1	1.5	0.5	99.2	0.4
9-10	2.2	0.9	0.7	0.1	0.0	0.0	0.0	0.0	0.5	1.0	2.0	2.3	0.8	98.4	0.8
11-12	2.3	1.5	1.1	0.3	0.0	0.0	0.0	0.1	0.8	1.7	2.2	4.1	1.2	97.2	1.6
13-14	4.0	1.9	1.2	0.4	0.0	0.0	0.1	0.3	0.9	1.6	4.3	4.5	1.6	95.6	2.8
15-16	5.0	2.6	2.3	0.6	0.1	0.0	0.2	0.3	1.1	3.2	4.7	5.4	2.1	93.4	4.4
17-18	4.2	2.7	2.8	0.6	0.1	0.1	0.2	0.5	1.6	2.8	4.6	6.3	2.2	91.2	6.6
19-20	5.5	3.7	3.2	1.4	0.2	0.0	0.3	0.6	1.8	2.8	4.6	5.8	2.5	88.7	8.8
21-22	4.7	3.8	2.8	2.2	0.4	0.1	0.2	1.1	2.0	3.8	5.7	5.6	2.7	86.0	11.3
23-24	4.1	4.4	4.2	2.6	0.8	0.2	0.3	1.0	2.8	3.6	4.7	5.1	2.8	83.2	14.0
25-26	4.4	4.8	3.3	3.7	0.6	0.4	0.7	1.8	3.1	3.4	4.6	4.0	2.9	80.3	16.8
27-28	3.4	4.5	4.7	3.4	1.5	0.5	0.7	1.7	3.3	4.0	4.6	4.6	3.1	77.3	19.7
29-30	4.0	3.6	3.9	3.8	1.1	0.9	1.1	2.2	3.6	3.6	4.5	4.6	3.1	74.2	22.7
31-35	8.6	9.3	10.5	10.7	6.0	2.8	4.1	6.5	9.3	7.5	9.5	9.6	7.9	66.3	25.8
36-40	7.9	8.0	9.1	11.3	7.3	5.3	6.0	9.0	9.6	9.1	7.9	7.8	8.2	58.2	33.7
41-45	6.6	7.8	8.6	9.2	8.1	6.7	7.5	9.3	8.4	8.2	6.7	6.4	7.8	50.4	41.8
46-50	5.5	7.1	6.8	8.3	9.5	8.0	8.5	7.9	7.3	5.9	4.8	4.7	7.0	43.3	49.6
51-55	3.8	5.7	7.0	8.1	9.0	7.7	9.4	7.3	7.2	5.5	4.7	3.4	6.6	36.8	56.7
56-60	3.4	4.7	5.9	6.5	8.2	7.8	8.2	7.3	6.4	4.9	3.6	3.0	5.8	30.9	63.2
61-65	2.8	3.8	4.5	5.8	8.2	7.2	8.1	6.7	5.2	4.2	3.1	2.1	5.1	25.8	69.1
66-70	3.0	3.8	3.6	4.4	7.3	8.1	6.9	6.6	4.4	3.5	2.6	1.3	4.6	21.2	74.2
71-72	0.9	1.3	1.1	2.1	2.9	3.5	3.3	3.0	2.1	1.7	0.9	0.7	2.0	19.2	78.8
73-74	1.3	1.5	1.2	1.5	2.9	3.3	2.8	2.4	1.9	1.7	0.7	0.6	1.8	17.4	80.8
75-76	0.7	1.0	1.0	1.2	3.3	3.4	3.5	2.2	2.0	1.6	0.7	0.6	1.8	15.6	82.6
77-78	1.0	0.8	1.1	1.4	2.6	2.7	2.4	2.2	1.4	1.4	0.6	0.6	1.5	14.1	84.4
79-80	0.7	1.0	0.9	1.5	2.8	3.2	3.1	2.0	1.3	1.1	0.8	0.3	1.6	12.5	85.9
81-82	1.0	0.9	1.2	1.1	2.5	3.6	2.5	2.3	1.4	1.3	0.6	0.2	1.6	11.0	87.5
83-84	0.9	1.2	1.2	1.2	2.3	2.9	2.8	2.0	1.3	1.1	0.5	0.5	1.5	9.5	89.0
85-86	0.7	0.9	0.9	1.0	2.1	3.0	2.8	1.9	1.0	1.1	0.6	0.5	1.4	8.1	90.5
87-88	0.4	1.0	0.9	0.9	1.5	2.9	2.4	1.5	1.3	1.0	0.6	0.4	1.2	6.9	91.9
89-90	0.9	0.8	1.2	1.0	1.6	2.8	2.7	1.9	1.2	1.4	0.8	0.3	1.4	5.6	93.1
91-92	1.0	0.9	1.0	0.8	1.5	3.0	2.3	1.7	1.1	0.9	0.4	0.7	1.3	4.3	94.4
93-94	1.5	1.3	0.9	0.7	2.1	2.9	2.5	2.3	1.5	1.6	0.6	0.6	1.6	2.7	95.7
95-96	0.9	1.2	0.8	1.2	1.4	3.6	1.8	2.3	1.3	1.1	0.5	0.6	1.4	1.3	97.3
97-98	0.3	0.8	0.3	0.9	1.6	2.1	1.6	1.5	1.2	0.9	0.3	0.2	1.0	0.4	98.7
NUMBER OF READINGS	3015	2764	3034	2935	3019	2919	3029	3028	2934	3034	2938	3034	35683		

STATION:- COBAR AERO.

TABLE 12(d)

## PERCENTAGE FREQUENCY DISTRIBUTION OF ABSOLUTE HUMIDITIES

DEW POINT (C)	VAPOUR PRESSURE (mbar)	MONTH												YEAR	CUMULATIVE	
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
-13	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
-12	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
-11	2.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
-10	2.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	99.9	0.0
-9	3.1	0.3	0.1	0.6	0.0	0.0	0.0	0.2	0.4	0.4	0.8	0.7	0.8	0.4	99.6	0.1
-8	3.3	0.3	0.0	0.2	0.0	0.0	0.0	0.1	0.2	0.6	0.6	0.5	0.3	0.2	99.3	0.4
-7	3.6	0.3	0.1	0.2	0.1	0.0	0.1	0.5	0.2	0.5	1.0	0.9	0.7	0.4	99.0	0.7
-6	3.9	0.5	0.4	0.2	0.1	0.0	0.1	0.4	0.9	1.2	1.1	1.4	0.6	0.6	98.4	1.0
-5	4.3	0.1	0.1	0.1	0.1	0.1	0.2	0.4	0.5	0.9	1.1	0.9	0.7	0.4	98.0	1.6
-4	4.6	1.1	0.7	0.6	0.3	0.4	0.3	1.4	1.4	2.1	2.0	1.9	1.8	1.2	96.8	2.0
-3	4.9	1.3	0.5	0.9	0.5	0.7	0.8	2.4	2.7	3.1	2.9	2.7	2.1	1.7	95.1	3.2
-2	5.3	1.9	0.8	1.3	1.0	1.0	1.6	4.1	4.8	4.5	3.1	3.7	2.9	2.6	92.5	4.9
-1	5.7	2.5	1.3	1.8	1.9	2.5	3.2	6.8	7.5	5.8	4.0	4.8	3.8	3.8	88.7	7.5
0	6.2	1.9	0.7	1.1	1.8	2.0	2.9	5.0	5.4	4.9	2.4	3.2	2.8	2.8	85.8	11.3
1	6.7	3.2	1.6	2.4	3.0	4.7	6.9	11.4	11.5	10.0	4.9	6.6	5.4	6.0	79.9	14.2
2	7.1	4.0	2.4	3.2	5.6	7.1	10.6	13.1	11.7	11.5	5.7	7.1	6.4	7.4	72.5	20.1
3	7.7	4.5	2.4	3.9	6.6	9.1	14.5	13.3	10.4	9.9	6.9	8.1	6.7	8.0	64.4	27.5
4	8.2	4.8	3.3	4.2	8.8	12.6	15.2	10.9	11.0	8.7	7.2	7.5	6.9	8.4	56.0	35.6
5	8.7	3.2	2.1	3.3	5.8	9.0	8.2	6.9	6.0	5.8	5.3	4.5	4.8	5.4	50.5	44.0
6	9.4	5.4	3.8	5.5	10.0	9.7	10.0	6.3	6.0	6.0	7.4	6.5	6.4	6.9	43.6	49.5
7	10.0	6.5	4.5	7.2	9.8	10.8	8.0	6.7	5.7	5.3	7.5	6.2	6.4	7.1	36.5	56.4
8	10.7	5.0	5.0	7.4	9.9	7.9	5.7	3.0	5.0	4.7	7.4	5.4	5.2	6.0	30.6	63.5
9	11.5	5.1	6.1	7.6	8.2	7.0	4.2	2.7	3.3	3.6	6.1	5.2	4.7	5.3	25.2	69.4
10	12.3	3.3	4.8	5.1	4.9	3.2	2.7	1.3	1.7	2.0	4.4	3.9	2.9	3.3	21.9	74.8
11	13.1	5.7	8.0	6.5	5.1	3.4	1.9	1.4	1.4	2.3	4.2	4.5	4.7	4.1	17.8	78.1
12	14.0	5.4	7.7	6.8	4.3	2.6	1.4	1.2	1.2	2.4	3.3	3.9	3.7	3.6	14.2	82.2
13	15.0	4.6	6.5	4.8	2.8	2.7	1.1	0.5	0.8	1.7	3.1	2.7	3.8	2.9	11.3	85.8
14	16.0	5.4	6.1	5.5	2.7	1.7	0.3	0.1	0.3	1.1	3.1	1.7	3.4	2.6	8.7	88.7
15	17.1	3.4	5.0	4.1	2.1	0.9	0.2	0.0	0.0	0.7	1.5	1.7	2.6	1.8	6.8	91.3
16	18.2	5.3	7.5	5.7	1.8	0.5	0.0	0.0	0.0	0.3	1.6	1.5	3.4	2.3	4.6	93.2
17	19.4	4.8	5.8	4.6	1.2	0.3	0.0	0.0	0.0	0.1	0.9	1.1	2.4	1.7	2.8	95.4
18	20.6	4.0	4.9	3.0	0.7	0.0	0.0	0.0	0.0	0.0	0.4	0.7	1.8	1.3	1.6	97.2
19	22.0	2.9	3.2	1.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.9	0.8	0.8	98.4
20	23.4	1.2	2.6	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.6	0.4	0.4	99.2
21	24.9	0.9	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	99.6
22	26.4	0.7	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	99.8
23	28.1	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	99.9
24	29.8	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
NUMBER OF READINGS		3015	2764	3034	2935	3019	2919	3029	3028	2934	3034	2938	3034	35683		

NUMBER OF DEW POINTS GREATER THAN 38C 0  
 NUMBER OF DEW POINTS LESS THAN -1.5C 2

STATION:- COBAR AERO.

TABLE 12(e)

## DOUBLE CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION FOR TEMPERATURE AND RELATIVE HUMIDITY

TEMPERATURE (C)	PERCENTAGE OF READINGS AT OR ABOVE GIVEN CONDITIONS																NUMBER OF READINGS
	RELATIVE HUMIDITY (%)																
	0	5	10	15	20	25	30	40	50	60	70	75	80	85	90	95	
0	100.0	99.8	98.3	94.5	88.7	81.8	74.2	58.1	43.3	30.9	21.2	16.5	12.5	8.8	5.6	2.0	11
1	100.0	99.8	98.3	94.5	88.7	81.8	74.2	58.1	43.3	30.9	21.1	16.5	12.5	8.7	5.5	2.0	37
2	99.9	99.6	98.2	94.4	88.6	81.7	74.0	58.0	43.2	30.8	21.0	16.4	12.4	8.7	5.5	2.0	98
3	99.6	99.4	97.9	94.1	88.3	81.4	73.8	57.7	42.9	30.5	20.8	16.1	12.2	8.5	5.4	1.9	170
4	99.1	98.9	97.5	93.6	87.8	80.9	73.3	57.3	42.4	30.1	20.3	15.8	11.9	8.3	5.3	1.9	310
5	98.2	98.0	96.6	92.8	87.0	80.1	72.4	56.4	41.6	29.2	19.6	15.1	11.4	7.9	5.0	1.8	429
6	97.0	96.8	95.4	91.6	85.8	78.9	71.2	55.2	40.4	28.1	18.6	14.3	10.7	7.5	4.8	1.8	594
7	95.4	95.2	93.7	89.9	84.1	77.2	69.6	53.5	38.8	26.6	17.4	13.3	10.0	7.0	4.5	1.7	802
8	93.1	92.9	91.5	87.7	81.8	75.0	67.3	51.3	36.6	24.6	15.9	12.1	9.1	6.5	4.2	1.5	898
9	90.6	90.4	89.0	85.1	79.3	72.4	64.8	48.8	34.2	22.5	14.4	11.0	8.4	5.9	3.9	1.4	1109
10	87.5	87.3	85.9	82.0	76.2	69.3	61.7	45.7	31.3	20.2	12.8	9.8	7.5	5.3	3.5	1.2	1184
11	84.2	84.0	82.5	78.7	72.9	66.0	58.4	42.5	28.5	17.9	11.3	8.7	6.7	4.8	3.1	1.0	1253
12	80.7	80.5	79.0	75.2	69.4	62.5	54.9	39.2	25.6	15.9	10.1	7.8	6.0	4.3	2.8	0.9	1445
13	76.6	76.4	75.0	71.2	65.3	58.5	50.9	35.5	22.7	14.1	8.9	6.9	5.3	3.8	2.5	0.8	1525
14	72.3	72.1	70.7	66.9	61.1	54.2	46.7	31.8	20.0	12.4	7.8	6.1	4.7	3.3	2.2	0.7	1646
15	67.7	67.5	66.1	62.3	56.5	49.7	42.3	28.1	17.4	10.8	6.8	5.3	4.1	2.9	1.9	0.5	1509
16	63.5	63.3	61.9	58.1	52.3	45.5	38.3	24.9	15.3	9.4	5.9	4.6	3.6	2.5	1.6	0.5	1601
17	59.0	58.8	57.4	53.6	47.8	41.1	34.2	21.7	13.3	8.2	5.1	3.9	3.0	2.1	1.3	0.4	1583
18	54.6	54.4	52.9	49.1	43.4	36.9	30.2	18.8	11.4	7.0	4.3	3.3	2.5	1.7	1.1	0.3	1671
19	49.9	49.7	48.3	44.5	38.9	32.5	26.3	16.0	9.5	5.8	3.4	2.5	1.9	1.2	0.8	0.2	1627
20	45.3	45.1	43.7	40.0	34.5	28.3	22.5	13.2	7.7	4.6	2.7	1.9	1.3	0.8	0.5	0.1	1456
21	41.3	41.1	39.6	35.9	30.5	24.7	19.2	11.0	6.1	3.5	1.9	1.3	0.9	0.5	0.3	0.1	1509
22	37.0	36.8	35.4	31.8	26.6	21.1	16.0	8.8	4.6	2.4	1.2	0.7	0.5	0.2	0.1	0.0	1345
23	33.3	33.1	31.6	28.1	23.1	17.9	13.4	7.0	3.4	1.6	0.7	0.4	0.3	0.1	0.1	0.0	1370
24	29.4	29.2	27.8	24.4	19.6	14.8	10.8	5.3	2.4	1.0	0.4	0.2	0.1	0.1	0.0	0.0	1274
25	25.9	25.7	24.3	21.0	16.5	12.2	8.7	4.0	1.6	0.6	0.2	0.1	0.1	0.0	0.0	0.0	1181
26	22.5	22.3	21.0	17.8	13.7	9.9	6.8	2.9	1.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0	1107
27	19.4	19.2	17.9	15.0	11.3	7.9	5.2	2.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1091
28	16.4	16.2	14.9	12.2	8.9	6.0	3.8	1.3	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	935
29	13.8	13.6	12.4	9.8	6.9	4.5	2.7	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	875
30	11.3	11.1	10.0	7.7	5.2	3.2	1.9	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	797
31	9.1	8.9	7.9	5.9	3.8	2.2	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	773
32	6.9	6.8	5.9	4.2	2.5	1.3	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	612
33	5.2	5.1	4.3	2.9	1.6	0.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	481
34	3.8	3.7	3.1	2.0	1.0	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	432
35	2.6	2.5	2.0	1.2	0.6	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	299
36	1.8	1.7	1.4	0.8	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	222
37	1.2	1.1	0.8	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	155
38	0.7	0.7	0.5	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	132
39	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	64
40	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	39
41	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16
42	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9
43	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3
45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
46	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
NUMBER OF READINGS	73	512	1362	2076	2456	2730	5724	5285	4427	3483	1665	1418	1347	1144	1274	709	35685

TABLE 13

STATION:- DALY WATERS M.O.

BUREAU OF METEOROLOGY NUMBER:- 14626

LATITUDE:- 16 16 E

LONGITUDE:- 133 23 S

ELEVATION:- 210m AMSL

PERIOD OF RECORD:- 1/ 9/1961 TO 30/11/1977

TABLE OF MISSING READINGS

TIME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0000	459	419	455	441	455	442	455	451	446	457	442	430	5352
0300	95	66	79	55	56	45	98	121	81	48	71	69	884
0600	55	49	66	37	49	41	72	60	70	34	48	44	625
0900	34	30	40	33	37	68	96	65	91	32	40	32	598
1200	35	30	39	34	36	41	68	38	65	35	46	42	509
1500	36	40	50	42	55	89	115	77	102	45	64	42	757
1800	128	105	115	105	113	115	158	155	135	112	141	130	1512
2100	135	136	132	109	133	128	178	171	140	123	164	143	1692
TOTAL	977	875	976	856	934	969	1240	1138	1130	886	1016	932	11929

STATION: - DALY WATERS M.O.

TABLE 13(a)

## PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURES

TEMPERATURE (C)	MONTH												YEAR	CUMULATIVE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.4	0.3	0.3	0.0	0.0	0.0	0.0	0.0	99.9	0.0
7	0.0	0.0	0.0	0.0	0.1	0.9	0.5	0.4	0.0	0.0	0.0	0.0	0.0	99.7	0.1
8	0.0	0.0	0.0	0.0	0.1	1.1	1.5	0.6	0.1	0.0	0.0	0.0	0.0	99.5	0.3
9	0.0	0.0	0.0	0.0	0.2	1.4	1.8	0.8	0.3	0.0	0.0	0.0	0.0	99.1	0.5
10	0.0	0.0	0.0	0.0	0.5	1.4	3.4	1.5	0.2	0.0	0.0	0.0	0.0	98.5	0.9
11	0.0	0.0	0.0	0.0	0.8	2.1	3.4	1.5	0.6	0.0	0.0	0.0	0.0	97.9	1.5
12	0.0	0.0	0.0	0.2	1.1	3.2	4.6	2.6	0.6	0.1	0.0	0.0	0.0	96.9	2.1
13	0.0	0.0	0.0	0.3	1.5	4.0	4.4	2.8	1.1	0.1	0.0	0.0	0.0	95.7	3.1
14	0.0	0.0	0.0	0.1	2.3	4.4	5.2	3.3	1.1	0.3	0.0	0.0	0.0	94.3	4.3
15	0.0	0.0	0.2	0.4	3.2	4.3	5.0	3.7	1.3	0.3	0.0	0.0	0.0	92.8	5.7
16	0.0	0.0	0.2	1.1	4.2	5.8	5.8	4.3	2.1	0.9	0.1	0.0	0.0	90.8	7.2
17	0.0	0.0	0.4	1.7	4.3	5.3	5.3	3.6	2.9	0.8	0.0	0.1	0.0	88.8	9.2
18	0.2	0.0	0.4	3.0	5.8	6.7	6.0	5.6	3.3	1.1	0.4	0.0	0.0	86.1	11.2
19	0.3	0.0	0.5	3.2	4.8	5.7	4.9	5.4	3.1	1.2	0.4	0.2	0.0	83.6	13.9
20	0.2	0.2	1.1	4.5	5.6	5.7	4.4	4.6	4.1	2.1	0.9	0.1	0.0	80.8	16.4
21	0.5	0.5	2.0	6.2	5.9	5.5	4.6	6.1	3.4	2.9	0.9	0.8	0.0	77.5	19.2
22	1.5	1.6	3.3	6.9	6.5	5.2	5.5	5.0	4.5	3.1	2.3	1.3	0.0	73.6	22.5
23	4.2	5.5	8.1	5.8	6.5	5.6	4.5	5.0	5.3	4.4	3.7	3.4	0.0	68.4	26.4
24	7.4	9.2	9.8	6.5	6.7	4.6	4.9	4.8	5.8	5.2	5.0	5.7	0.0	62.1	31.6
25	8.2	10.2	9.3	6.8	6.0	4.8	4.0	3.9	5.6	5.2	5.0	5.4	0.0	55.9	37.9
26	7.9	8.6	8.3	7.5	4.8	4.6	4.1	4.0	5.4	6.3	6.2	6.0	0.0	49.7	44.1
27	8.2	9.5	8.1	5.8	5.4	5.1	4.4	3.9	4.3	6.2	5.9	6.8	0.0	43.6	50.3
28	7.8	7.3	8.1	4.8	4.4	4.0	3.8	5.6	4.0	5.9	5.8	6.9	0.0	37.8	56.4
29	5.9	5.9	5.7	4.5	4.8	3.5	3.0	5.1	5.3	5.9	5.7	5.3	0.0	32.8	62.2
30	6.4	7.6	5.1	6.2	6.0	2.7	2.0	5.4	4.9	4.7	6.5	6.1	0.0	27.5	67.2
31	6.4	5.9	6.7	6.9	4.3	1.3	1.7	4.8	5.8	4.4	5.6	6.6	0.0	22.5	72.5
32	5.9	4.7	6.1	7.3	3.2	0.5	0.4	2.9	6.0	5.0	6.1	6.0	0.0	17.9	77.5
33	5.8	5.1	6.8	5.5	1.1	0.3	0.4	1.6	6.3	5.9	5.7	5.3	0.0	13.8	82.1
34	4.9	4.6	4.2	3.0	0.1	0.0	0.0	0.7	6.4	6.6	5.9	5.6	0.0	10.3	86.2
35	4.3	3.3	2.9	1.1	0.0	0.0	0.0	0.4	4.5	6.7	6.8	6.2	0.0	7.2	89.7
36	3.4	3.5	1.5	0.4	0.0	0.0	0.0	0.0	1.3	6.8	6.7	5.6	0.0	2.4	92.8
37	3.5	2.8	0.8	0.1	0.0	0.0	0.0	0.0	0.3	5.0	5.1	5.2	0.0	1.9	95.2
38	2.5	2.4	0.3	0.0	0.0	0.0	0.0	0.0	0.1	2.3	3.9	4.8	0.0	1.4	97.1
39	2.1	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.5	3.0	3.1	0.0	0.8	98.5
40	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	2.4	0.0	0.4	99.3
41	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.7	0.8	0.0	0.2	99.7
42	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	99.9
43	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
NUMBER OF READINGS	2735	2509	2712	2728	2786	2631	2480	2542	2486	2826	2560	2532	31527		

TABLE 13(b)

STATION: - DALY WATERS M.O.

## CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURES

TEMPERATURE (C)	PERCENTAGE OF READINGS AT OR ABOVE GIVEN TEMPERATURE												YEAR
	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
5	100.0	100.0	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0
6	100.0	100.0	100.0	100.0	100.0	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
7	100.0	100.0	100.0	100.0	100.0	99.4	99.6	99.6	99.9	100.0	100.0	100.0	99.9
8	100.0	100.0	100.0	100.0	99.9	98.5	99.1	99.3	99.9	100.0	100.0	100.0	99.7
9	100.0	100.0	100.0	100.0	99.8	97.5	97.6	98.7	99.8	100.0	100.0	100.0	99.5
10	100.0	100.0	100.0	100.0	99.6	96.0	95.8	97.9	99.5	100.0	100.0	100.0	99.1
11	100.0	100.0	100.0	100.0	99.1	94.7	92.5	96.5	99.3	100.0	100.0	100.0	98.5
12	100.0	100.0	100.0	100.0	98.3	92.6	89.1	95.0	98.7	100.0	100.0	100.0	97.9
13	100.0	100.0	100.0	99.8	97.2	89.4	84.5	92.4	98.1	99.9	100.0	100.0	96.9
14	100.0	100.0	100.0	99.6	95.7	85.5	80.1	89.7	97.0	99.8	100.0	100.0	95.7
15	100.0	100.0	100.0	99.4	93.4	81.0	74.8	86.3	95.9	99.5	100.0	100.0	94.3
16	100.0	100.0	99.7	99.0	90.2	76.7	69.8	82.7	94.6	99.2	100.0	100.0	92.8
17	100.0	100.0	99.6	97.9	86.1	71.0	64.0	78.4	92.5	98.3	99.9	100.0	90.8
18	99.9	100.0	99.2	96.2	81.8	65.6	58.7	74.8	89.6	97.5	99.9	99.9	88.8
19	99.7	100.0	98.8	93.1	76.0	59.0	52.7	69.2	86.3	96.4	99.5	99.9	86.1
20	99.5	99.9	98.3	89.9	71.2	53.2	47.8	63.8	83.3	95.2	99.1	99.7	83.6
21	99.3	99.8	97.2	85.4	65.6	47.5	43.4	59.2	79.2	93.0	98.2	99.6	80.8
22	98.8	99.3	95.3	79.1	59.8	42.0	38.9	53.1	75.8	90.1	97.3	98.9	77.5
23	97.4	97.6	92.0	72.2	53.3	36.8	33.3	48.1	71.3	87.0	95.0	97.6	73.6
24	93.1	92.1	83.8	66.4	46.8	31.2	28.8	43.1	66.0	82.7	91.4	94.2	68.4
25	85.7	82.9	74.0	59.9	40.1	26.7	23.9	38.2	60.1	77.5	86.4	88.4	62.1
26	77.5	72.7	64.7	53.1	34.1	21.9	19.9	34.3	54.5	72.3	81.4	83.1	55.9
27	69.6	64.0	56.4	45.6	29.3	17.3	15.8	30.3	49.1	65.9	75.2	77.0	49.7
28	61.4	54.6	48.3	39.8	23.9	12.3	11.3	26.4	44.7	59.7	69.3	70.3	43.6
29	53.6	47.3	40.2	34.9	19.5	8.2	7.5	20.8	40.7	53.8	63.4	63.3	37.8
30	47.6	41.4	34.5	30.5	14.8	4.8	4.5	15.7	35.4	47.9	57.7	58.1	32.8
31	41.2	33.8	29.4	24.3	8.8	2.1	2.5	10.3	30.6	43.1	51.2	52.0	27.5
32	34.8	27.9	22.7	17.4	4.5	0.8	0.8	5.5	24.8	38.7	45.6	45.4	22.5
33	28.9	23.1	16.6	10.1	1.3	0.3	0.4	2.6	18.8	33.8	39.5	39.4	17.9
34	23.1	18.1	9.8	4.6	0.1	0.0	0.0	1.0	12.6	27.9	33.8	34.1	13.8
35	18.2	13.5	5.7	1.6	0.0	0.0	0.0	0.4	6.2	21.3	27.9	28.5	10.3
36	13.9	10.2	2.7	0.5	0.0	0.0	0.0	0.0	1.7	14.6	21.0	22.2	7.2
37	10.6	6.7	1.2	0.1	0.0	0.0	0.0	0.0	0.4	7.9	14.3	16.7	4.8
38	7.0	3.9	0.4	0.0	0.0	0.0	0.0	0.0	0.1	2.9	9.3	11.5	2.9
39	4.5	1.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	5.3	6.7	1.5
40	2.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	2.3	3.6	0.7
41	1.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.7	1.1	0.3
42	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1
43	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NUMBER OF READINGS	2735	2509	2712	2728	2786	2631	2480	2542	2486	2826	2560	2532	31527

STATION: - DALY WATERS M.O.

TABLE 13(c)

PERCENTAGE FREQUENCY DISTRIBUTIONS OF RELATIVE HUMIDITIES

RELATIVE HUMIDITY (%)	MONTH												YEAR	CUMULATIVE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
3-4	0.7	0.2	0.0	0.1	0.0	0.0	0.0	0.1	0.4	0.5	0.1	0.2	0.2	99.8	0.0
5-6	1.3	0.5	0.0	0.1	0.0	0.0	0.1	0.4	1.2	1.6	0.7	0.7	0.6	99.2	0.2
7-8	1.3	0.4	0.1	0.3	0.0	0.0	0.4	0.7	2.1	2.1	0.9	0.9	0.8	98.5	0.8
9-10	1.3	0.5	0.2	0.3	0.1	0.3	1.0	1.0	3.5	3.0	1.6	1.9	1.2	97.3	1.5
11-12	2.0	1.0	0.3	0.5	0.4	0.4	1.3	2.6	4.8	3.1	2.3	2.2	1.7	95.5	2.7
13-14	2.4	1.5	0.7	0.8	1.2	0.8	2.1	2.8	4.5	4.1	2.4	2.4	2.1	93.4	4.5
15-16	2.5	1.7	1.1	1.3	1.3	1.5	2.9	4.3	5.0	4.6	3.0	2.6	2.6	90.8	6.6
17-18	1.9	2.1	1.5	1.8	1.9	1.9	2.9	4.9	5.9	4.1	3.6	2.7	2.9	87.9	9.2
19-20	1.4	1.3	1.1	2.1	3.0	1.9	4.1	4.8	5.7	4.2	3.5	2.3	2.9	84.9	12.1
21-22	1.2	1.8	1.4	2.7	4.2	2.9	4.7	5.2	5.4	4.7	3.8	3.1	3.4	81.5	15.1
23-24	1.8	2.2	2.5	2.9	4.2	3.6	5.3	4.9	5.8	4.2	3.5	2.6	3.6	77.9	18.5
25-26	1.6	1.2	1.7	3.6	4.3	3.3	4.8	5.0	4.8	3.8	4.0	3.0	3.4	74.5	22.1
27-28	1.2	1.3	1.6	3.4	4.7	4.4	5.4	4.2	4.1	4.1	3.8	3.2	3.4	71.0	25.5
29-30	1.5	1.5	2.3	4.0	4.3	4.6	4.3	3.8	3.8	3.8	3.9	3.1	3.4	67.6	29.0
31-35	4.4	3.9	4.6	8.1	12.3	12.0	11.5	10.2	8.0	7.6	7.7	7.2	8.1	59.5	32.4
36-40	4.1	3.7	5.2	7.3	10.1	10.9	9.6	8.3	5.3	5.8	7.2	7.1	7.1	52.4	40.5
41-45	4.1	3.2	5.0	7.2	8.0	9.2	8.0	5.5	4.9	5.3	7.4	6.2	6.2	46.3	47.6
46-50	5.1	3.8	5.2	6.4	6.7	7.6	6.3	5.0	4.5	4.7	6.4	6.0	5.7	40.6	53.7
51-55	4.8	4.6	6.3	5.6	5.0	5.7	4.3	5.1	4.3	5.4	5.9	6.2	5.3	35.3	59.4
56-60	5.1	4.7	5.5	5.1	4.5	5.1	3.3	4.1	3.9	5.2	4.9	5.7	4.8	30.5	64.7
61-65	5.2	6.3	5.7	5.2	3.8	4.7	3.5	3.2	3.3	3.8	5.0	5.3	4.6	26.0	69.5
66-70	5.3	6.9	5.8	5.6	3.9	3.6	3.3	3.9	2.9	3.4	4.2	4.3	4.4	21.5	74.0
71-72	2.5	2.6	1.9	1.7	1.9	1.6	1.0	1.1	1.2	1.1	1.0	1.7	1.6	19.9	78.5
73-74	2.2	1.6	2.5	2.2	1.6	1.2	1.1	1.3	0.6	1.3	2.0	1.8	1.6	18.3	80.1
75-76	2.2	2.0	2.5	2.1	1.3	1.5	1.0	1.1	0.7	1.2	1.6	1.5	1.6	16.7	81.7
77-78	3.8	3.5	2.5	1.9	1.9	1.1	1.0	0.9	0.5	1.3	1.5	2.1	1.8	14.9	83.3
79-80	1.9	2.2	2.4	2.2	1.0	0.8	0.8	0.8	0.4	0.9	1.1	1.4	1.3	13.5	85.1
81-82	2.8	2.5	2.4	2.2	1.6	1.4	1.1	1.3	0.4	1.1	1.1	2.3	1.7	11.8	86.5
83-84	2.4	3.1	2.6	1.5	1.1	1.1	0.8	0.9	0.3	0.7	0.9	1.3	1.4	10.4	88.2
85-86	3.0	2.6	2.8	1.9	1.3	1.3	0.8	0.5	0.4	0.6	0.8	1.3	1.5	9.0	89.6
87-88	2.2	2.6	3.1	1.4	1.0	1.0	0.7	0.6	0.0	0.4	0.9	1.1	1.3	7.7	91.0
89-90	2.3	3.1	2.0	1.1	0.9	1.4	0.6	0.2	0.4	0.6	0.8	1.8	1.3	6.4	92.3
91-92	3.5	4.8	4.2	1.9	0.8	0.7	0.5	0.3	0.2	0.4	0.8	1.1	1.6	4.8	93.6
93-94	1.7	2.7	2.2	1.3	0.8	1.0	0.5	0.5	0.2	0.4	0.5	0.9	1.1	3.8	95.2
95-96	4.2	5.7	5.2	2.2	0.5	0.4	0.4	0.2	0.2	0.5	0.5	1.5	1.8	2.0	96.2
97-98	3.2	3.4	2.8	1.1	0.4	0.1	0.2	0.2	0.0	0.3	0.4	0.8	1.1	0.9	98.0
NUMBER OF READINGS	2735	2509	2712	2728	2786	2631	2480	2540	2485	2826	2560	2532	31524		

STATION:- DALY WATERS M.O.

TABLE 13(d)

## PERCENTAGE FREQUENCY DISTRIBUTION OF ABSOLUTE HUMIDITIES

DEW POINT (C)	VAPOUR PRESSURE (mbar)	MONTH												YEAR	CUMULATIVE	
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
-14	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	100.0	0.0
-13	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	99.9	0.0
-12	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	99.9	0.1
-11	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.0	0.0	0.0	0.0	99.9	0.1
-10	2.9	0.0	0.1	0.0	0.0	0.0	0.0	0.4	0.3	0.2	0.0	0.0	0.0	0.1	99.8	0.1
-9	3.1	0.5	0.2	0.0	0.1	0.1	0.4	1.8	1.8	3.1	1.5	0.8	0.2	0.9	98.9	0.2
-8	3.3	0.5	0.1	0.0	0.1	0.1	0.5	1.4	0.9	1.3	0.6	0.5	0.4	0.5	98.4	1.1
-7	3.6	0.4	0.2	0.1	0.1	0.3	1.0	1.9	1.9	1.5	0.7	0.5	0.3	0.7	97.7	1.6
-6	3.9	0.8	0.4	0.1	0.3	0.2	1.0	2.5	2.3	2.3	1.3	0.4	0.4	1.0	96.7	2.3
-5	4.3	0.4	0.1	0.1	0.2	0.2	0.5	2.3	1.3	1.6	0.8	0.2	0.2	0.6	96.0	3.3
-4	4.6	0.5	0.2	0.0	0.5	0.9	1.4	4.0	1.8	2.4	1.8	0.5	0.4	1.2	94.9	4.0
-3	4.9	0.8	0.2	0.0	0.6	1.1	2.0	5.4	2.9	2.9	1.9	0.6	0.4	1.5	93.3	5.1
-2	5.3	0.9	0.1	0.0	0.8	2.2	3.2	6.0	4.0	3.1	2.4	0.8	0.5	2.0	91.4	6.7
-1	5.7	0.8	0.6	0.2	1.0	3.0	4.2	5.4	4.3	2.7	2.6	0.8	0.6	2.2	89.2	8.6
0	6.2	0.6	0.1	0.3	0.8	2.8	2.9	3.0	2.8	2.6	1.5	0.8	0.8	1.6	87.6	10.8
1	6.7	1.1	0.5	0.4	1.7	4.3	4.9	5.9	5.3	3.5	2.5	1.1	1.0	2.7	85.0	12.4
2	7.1	0.8	0.6	0.7	1.6	5.5	5.0	6.4	5.4	5.1	2.3	1.0	1.1	2.9	82.0	15.0
3	7.7	1.0	0.7	0.9	2.1	5.8	5.7	4.8	5.7	5.4	2.3	1.6	1.6	3.1	78.9	18.0
4	8.2	0.8	1.0	1.1	2.2	5.8	6.4	4.9	6.0	4.0	2.7	1.3	1.3	3.1	75.8	21.1
5	8.7	0.6	0.6	0.8	1.1	2.2	3.4	3.3	3.3	3.5	1.5	1.1	1.0	1.9	73.9	24.2
6	9.4	0.9	1.2	1.8	2.8	5.7	5.7	4.4	4.6	4.4	2.7	2.0	1.4	3.1	70.7	26.1
7	10.0	1.0	1.0	1.2	3.2	5.1	6.0	5.3	6.5	5.0	2.6	2.0	2.0	3.4	67.3	29.2
8	10.7	1.1	1.4	1.7	3.2	5.3	6.2	4.6	5.0	4.8	3.3	2.4	2.1	3.4	63.9	32.7
9	11.5	1.2	1.5	2.4	4.3	5.3	5.4	4.5	5.0	4.8	4.3	3.4	2.5	3.7	60.2	36.1
10	12.3	1.1	1.0	0.8	2.5	4.1	4.0	3.1	2.7	3.2	2.4	1.8	1.7	2.4	57.8	39.8
11	13.1	1.6	1.7	2.1	4.9	4.6	5.0	3.4	4.6	4.4	4.6	4.1	2.6	3.6	54.2	42.2
12	14.0	2.2	1.5	2.0	5.8	4.1	5.5	3.3	3.9	5.2	5.0	5.3	3.2	4.0	50.2	45.8
13	15.0	1.6	2.2	2.5	5.0	4.5	4.8	3.4	3.3	4.3	6.0	4.8	3.5	3.8	46.3	49.8
14	16.0	1.8	1.2	3.2	5.1	4.5	3.3	2.8	3.5	2.9	5.5	5.5	3.4	3.6	42.7	53.7
15	17.1	1.0	1.7	2.0	4.2	3.4	1.9	1.5	1.9	2.3	3.2	3.8	3.0	2.5	40.2	57.3
16	18.2	3.1	2.5	4.1	6.6	4.5	3.3	1.6	2.4	3.2	5.8	7.0	4.9	4.1	36.1	59.8
17	19.4	3.2	3.7	4.5	6.0	4.2	2.4	1.0	2.1	3.6	5.4	7.0	5.5	4.1	32.0	63.9
18	20.6	3.8	3.1	5.1	6.7	2.7	1.8	0.9	1.1	2.7	6.8	7.7	8.3	4.3	27.8	68.0
19	22.0	5.5	4.3	6.8	7.8	2.3	0.9	0.3	0.7	1.9	5.0	8.4	8.5	4.4	23.4	72.2
20	23.4	4.2	4.1	5.3	5.2	1.9	0.4	0.1	0.5	0.6	4.1	5.8	7.3	3.3	20.1	76.6
21	24.9	9.8	8.1	9.3	5.4	1.5	0.3	0.0	0.3	0.4	3.7	8.7	12.6	5.0	15.0	79.9
22	26.4	14.0	15.2	12.5	3.7	0.8	0.2	0.0	0.2	0.2	2.1	5.0	9.9	5.3	9.7	85.0
23	28.1	17.7	20.6	14.3	3.0	0.8	0.0	0.0	0.2	0.1	0.7	2.7	5.9	5.5	4.2	90.3
24	29.8	10.5	13.4	9.3	1.1	0.3	0.1	0.0	0.0	0.0	0.1	0.5	1.5	3.1	1.1	95.8
25	31.7	3.0	4.1	2.9	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.2	0.2	0.9	0.2	98.9
26	33.6	0.9	0.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	99.8
27	35.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
NUMBER OF READINGS		2715	2509	2712	2728	2786	2631	2480	2540	2485	2826	2560	2532	31524		

NUMBER OF DEW POINTS GREATER THAN 38C 0  
NUMBER OF DEW POINTS LESS THAN -15C 3

TABLE 13(e)

STATION:- DALY WATERS M.O.

## DOUBLE CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION FOR TEMPERATURE AND RELATIVE HUMIDITY

TEMPERATURE (C)	PERCENTAGE OF READINGS AT OR ABOVE GIVEN CONDITIONS																NUMBER OF READINGS
	RELATIVE HUMIDITY (%)																
	0	5	10	15	20	25	30	40	50	60	70	75	80	85	90	95	
2	100.0	99.6	97.2	92.1	84.9	76.2	67.6	52.4	40.6	30.5	21.5	17.5	13.5	9.7	6.4	3.0	1
3	100.0	99.6	97.2	92.1	84.9	76.2	67.6	52.4	40.6	30.5	21.5	17.5	13.5	9.7	6.4	3.0	1
4	100.0	99.6	97.2	92.1	84.9	76.2	67.6	52.4	40.6	30.5	21.5	17.5	13.5	9.7	6.4	3.0	1
5	100.0	99.6	97.2	92.1	84.9	76.2	67.6	52.4	40.6	30.5	21.5	17.5	13.5	9.7	6.4	3.0	8
6	100.0	99.5	97.2	92.1	84.9	76.2	67.6	52.4	40.6	30.5	21.5	17.4	13.5	9.7	6.4	3.0	25
7	99.9	99.4	97.1	92.0	84.8	76.1	67.5	52.3	40.5	30.4	21.4	17.4	13.5	9.7	6.4	3.0	48
8	99.7	99.3	97.0	91.8	84.6	76.0	67.3	52.2	40.4	30.3	21.4	17.3	13.4	9.6	6.4	3.0	83
9	99.5	99.0	96.7	91.6	84.4	75.7	67.1	51.9	40.2	30.1	21.3	17.2	13.3	9.6	6.4	3.0	115
10	99.1	98.7	96.4	91.2	84.0	75.3	66.7	51.6	39.9	29.9	21.1	17.1	13.3	9.6	6.4	3.0	178
11	98.5	98.1	95.8	90.6	83.5	74.8	66.2	51.2	39.6	29.6	20.9	17.0	13.2	9.5	6.3	3.0	212
12	97.9	97.4	95.1	90.0	82.8	74.2	65.6	50.7	39.2	29.4	20.7	16.8	13.0	9.4	6.3	3.0	315
13	96.9	96.4	94.1	89.0	81.8	73.2	64.7	50.0	38.6	29.0	20.5	16.6	12.9	9.3	6.2	3.0	363
14	95.7	95.3	93.0	87.8	80.7	72.2	63.7	49.2	38.1	28.6	20.2	16.4	12.7	9.2	6.2	2.9	436
15	94.3	93.9	91.6	86.5	79.4	70.9	62.6	48.3	37.5	28.1	19.9	16.2	12.5	9.0	6.1	2.9	479
16	92.8	92.4	90.1	85.0	77.9	69.5	61.3	47.4	36.7	27.7	19.6	15.9	12.3	8.9	6.0	2.9	637
17	90.8	90.4	88.1	83.0	76.0	67.7	59.7	46.2	35.9	27.1	19.2	15.6	12.1	8.7	5.9	2.9	638
18	88.8	88.3	86.0	81.0	74.0	65.9	58.0	45.1	35.0	26.4	18.7	15.2	11.8	8.6	5.8	2.8	852
19	86.1	85.6	83.4	78.3	71.5	63.6	56.0	43.6	34.0	25.6	18.1	14.8	11.5	8.4	5.7	2.8	775
20	83.6	83.2	80.9	75.9	69.3	61.5	54.1	42.2	32.9	24.8	17.6	14.4	11.2	8.2	5.6	2.8	880
21	80.8	80.4	78.1	73.3	66.8	59.2	52.0	40.5	31.6	23.8	16.9	13.8	10.8	7.9	5.1	2.7	1033
22	77.5	77.1	74.9	70.1	63.8	56.5	49.5	38.5	30.0	22.6	15.9	13.1	10.2	7.4	5.1	2.6	1230
23	73.6	73.2	71.0	66.4	60.3	53.4	46.7	36.1	28.1	20.9	14.6	11.9	9.2	6.7	4.6	2.4	1638
24	68.4	68.0	65.9	61.5	55.7	49.1	42.8	32.6	25.0	18.2	12.3	9.9	7.4	5.1	3.4	1.6	1994
25	62.1	61.7	59.7	55.5	50.0	43.8	37.8	28.3	21.0	14.6	9.2	7.0	4.8	3.0	1.7	0.6	1964
26	55.9	55.5	53.5	49.6	44.3	38.5	32.9	23.9	17.1	11.1	6.1	4.2	2.5	1.2	0.5	0.1	1947
27	49.7	49.3	47.4	43.7	38.9	33.5	28.2	19.7	13.4	7.9	3.7	2.2	1.0	0.3	0.1	0.0	1937
28	43.6	43.2	41.4	37.9	33.4	28.4	23.5	15.7	10.0	5.1	1.8	0.8	0.3	0.0	0.0	0.0	1804
29	37.8	37.5	35.8	32.6	28.5	23.9	19.5	12.3	7.2	3.1	0.8	0.2	0.0	0.0	0.0	0.0	1596
30	32.8	32.5	30.9	28.0	24.3	20.1	16.1	9.7	5.1	1.9	0.3	0.1	0.0	0.0	0.0	0.0	1670
31	27.5	27.2	25.7	23.1	19.8	16.0	12.4	6.8	3.1	0.7	0.1	0.0	0.0	0.0	0.0	0.0	1587
32	22.5	22.2	20.9	18.6	15.6	12.3	9.2	4.5	1.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1429
33	17.9	17.7	16.5	14.5	11.8	8.9	6.4	2.6	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1312
34	13.8	13.5	12.5	10.8	8.5	6.1	4.1	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1104
35	10.3	10.1	9.2	7.8	5.9	3.9	2.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	953
36	7.2	7.1	6.4	5.3	3.7	2.2	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	766
37	4.8	4.7	4.2	3.3	2.2	1.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	603
38	2.9	2.8	2.5	1.8	1.0	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	426
39	1.5	1.5	1.3	0.9	0.4	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	256
40	0.7	0.7	0.6	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	139
41	0.3	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	72
42	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14
43	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4
44	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
*** READINGS ***		3239	4339	4989	5526	5345	7267	6270	5661	5664	3842	3771	32731	1032	1080	947	94575

TABLE 14

STATION:- DARWIN AERO.

BUREAU OF METEOROLOGY NUMBER:- 14015

LATITUDE:- 12 26 E

LONGITUDE:- 130 52 S

ELEVATION:- 8m AMSL

PERIOD OF RECORD:- 1/ 1/1963 TO 30/11/1976

TABLE OF MISSING READINGS

TIME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0000	1	3	0	1	2	0	0	0	0	1	0	3	11
0300	2	4	3	2	2	0	0	0	0	0	0	6	19
0600	0	5	5	1	3	2	1	2	1	1	1	3	25
0900	0	2	1	0	2	0	0	3	0	1	2	4	15
1200	1	1	0	0	2	0	1	0	0	0	0	4	9
1500	1	3	1	0	2	1	0	0	0	0	1	5	14
1800	1	2	1	1	1	0	0	0	0	1	1	3	11
2100	0	4	2	0	2	0	0	0	0	0	0	3	11
TOTAL	6	24	13	5	16	3	2	5	1	4	5	31	115

STATION:- DARWIN AERO.

TABLE 14(a)

PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURES

TEMPERATURE (C)	MONTH												YEAR	CUMULATIVE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
14	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.1	99.9	0.0
16	0.0	0.0	0.0	0.0	0.0	0.8	0.7	0.1	0.0	0.0	0.0	0.0	0.1	99.8	0.1
17	0.0	0.0	0.0	0.0	0.2	1.6	2.4	0.4	0.0	0.0	0.0	0.0	0.4	99.4	0.2
18	0.0	0.0	0.0	0.0	0.8	2.4	4.5	1.3	0.0	0.0	0.0	0.0	0.8	98.6	0.6
19	0.0	0.0	0.0	0.0	1.1	4.3	5.7	2.2	0.1	0.0	0.0	0.0	1.2	97.5	1.4
20	0.0	0.0	0.0	0.2	2.5	5.2	7.8	4.2	0.7	0.0	0.0	0.0	1.7	95.7	2.5
21	0.0	0.0	0.0	0.5	3.1	7.2	9.2	6.3	1.3	0.1	0.0	0.0	2.3	93.4	4.3
22	0.2	0.1	0.1	0.7	5.3	9.9	9.3	8.4	2.8	0.3	0.3	0.6	3.2	90.2	6.6
23	1.4	1.3	1.4	2.1	7.1	10.7	9.5	9.5	4.7	1.0	0.9	1.4	4.3	85.9	9.8
24	4.7	5.5	7.1	6.6	11.4	10.3	7.4	10.6	7.4	3.1	3.0	4.1	6.8	79.1	14.1
25	9.3	8.8	12.3	11.3	11.3	7.5	6.2	9.9	10.8	5.7	5.4	8.2	8.9	70.3	20.9
26	11.2	12.1	15.3	12.2	10.3	6.9	6.0	8.2	12.2	9.6	8.0	9.1	10.1	60.2	29.7
27	14.0	17.3	15.6	14.5	9.6	6.9	6.2	7.3	13.9	14.0	10.3	10.8	11.7	48.5	39.8
28	15.4	16.9	14.7	12.2	6.3	7.2	6.9	8.4	9.7	16.6	13.1	14.3	11.8	36.7	51.5
29	14.8	13.5	10.4	6.2	6.5	7.2	7.6	8.9	9.3	12.5	16.6	14.5	10.7	26.1	63.3
30	9.3	8.4	8.2	6.8	6.7	5.5	5.1	7.2	9.1	10.1	11.5	11.1	8.2	17.8	73.9
31	8.6	7.6	8.0	11.4	8.0	4.0	3.0	4.3	8.5	10.6	10.8	10.0	7.9	9.9	82.2
32	7.5	6.1	4.8	9.3	5.9	1.5	1.3	2.0	5.5	9.4	10.3	9.6	6.1	3.9	90.1
33	2.9	1.7	1.4	4.0	3.1	0.5	0.5	0.8	2.4	5.0	6.9	4.9	2.8	1.0	96.1
34	0.7	0.4	0.5	1.8	0.7	0.1	0.1	0.1	1.3	1.2	2.4	1.2	0.9	0.2	99.0
35	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.4	0.4	0.2	0.1	0.0	99.8
NUMBER OF READINGS	3466	3144	3459	3355	3208	3357	3470	3467	3359	3468	3355	3193	40301		

STATION: - DARWIN AERO.

TABLE 14(b)

CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURES

PERCENTAGE OF READINGS AT OR ABOVE GIVEN TEMPERATURE

TEMPERATURE (C)	MONTH												YEAR
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
14	100.0	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
15	100.0	100.0	100.0	100.0	100.0	99.8	99.7	100.0	100.0	100.0	100.0	100.0	100.0
16	100.0	100.0	100.0	100.0	100.0	99.6	99.3	100.0	100.0	100.0	100.0	100.0	99.9
17	100.0	100.0	100.0	100.0	100.0	98.8	98.6	99.9	100.0	100.0	100.0	100.0	99.8
18	100.0	100.0	100.0	100.0	99.7	97.1	96.2	99.5	100.0	100.0	100.0	100.0	99.4
19	100.0	100.0	100.0	100.0	98.9	94.8	91.7	98.2	100.0	100.0	100.0	100.0	98.6
20	100.0	100.0	100.0	100.0	97.8	90.4	86.0	96.0	99.8	100.0	100.0	100.0	97.5
21	100.0	100.0	100.0	99.8	95.3	85.2	78.2	91.8	99.2	99.9	100.0	100.0	95.7
22	100.0	100.0	100.0	99.3	92.2	78.0	69.0	85.6	97.9	99.8	100.0	100.0	93.4
23	99.8	99.9	99.9	98.6	87.0	68.1	59.7	77.2	95.0	99.5	99.7	99.4	90.2
24	98.4	98.6	98.4	96.5	79.9	57.4	50.2	67.7	90.3	98.4	98.9	98.0	85.9
25	93.7	93.0	91.4	89.8	68.5	47.2	42.7	57.1	82.9	95.3	95.9	93.9	79.1
26	84.4	84.2	79.1	78.5	57.2	39.7	36.5	47.2	72.1	89.6	90.5	85.7	70.3
27	73.2	72.1	63.8	66.3	46.9	32.8	30.6	39.0	59.9	80.0	82.5	76.6	60.2
28	59.2	54.8	48.2	51.8	37.3	25.9	24.4	31.7	46.1	66.1	72.1	65.8	48.5
29	43.8	37.9	33.4	39.6	31.0	18.6	17.5	23.3	36.4	49.4	59.1	51.5	36.7
30	29.1	24.4	23.0	33.4	24.5	11.4	9.9	14.4	27.0	36.9	42.5	37.0	26.1
31	19.8	16.0	14.8	26.6	17.8	6.0	4.8	7.3	18.0	26.7	30.9	26.0	17.8
32	11.2	8.4	6.8	15.2	9.8	2.0	1.9	3.0	9.4	16.1	20.1	16.0	9.9
33	3.7	2.2	2.0	6.0	3.9	0.6	0.6	1.0	3.9	6.7	9.8	6.4	3.9
34	0.8	0.5	0.6	2.0	0.8	0.1	0.1	0.2	1.5	1.7	2.8	1.4	1.0
35	0.1	0.1	0.1	0.2	0.1	0.0	0.0	0.0	0.2	0.5	0.4	0.2	0.2
36	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0
NUMBER OF READINGS	3466	3144	3459	3355	3208	3357	3470	3467	3359	3468	3355	3193	40301

STATION: - DARWIN AERO.

TABLE 14(c)

PERCENTAGE FREQUENCY DISTRIBUTIONS OF RELATIVE HUMIDITIES															
RELATIVE HUMIDITY (%)	MONTH												YEAR	CUMULATIVE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
3-4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
5-6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
7-8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	100.0	0.0
9-10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	100.0	0.0
11-12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	99.9	0.0
13-14	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.1	0.0	0.0	0.0	0.1	99.9	0.1
15-16	0.0	0.0	0.0	0.0	0.1	0.1	0.5	0.5	0.4	0.1	0.0	0.0	0.1	99.7	0.1
17-18	0.0	0.0	0.0	0.0	0.2	0.3	0.7	0.7	0.3	0.1	0.0	0.0	0.2	99.5	0.3
19-20	0.0	0.0	0.0	0.0	0.2	0.7	1.3	0.7	0.3	0.0	0.0	0.0	0.3	99.2	0.5
21-22	0.0	0.0	0.0	0.1	0.3	0.7	1.6	0.9	0.4	0.1	0.0	0.0	0.4	98.9	0.8
23-24	0.0	0.0	0.0	0.3	0.4	0.9	1.9	0.9	0.6	0.2	0.0	0.0	0.4	98.4	1.1
25-26	0.0	0.0	0.1	0.4	0.8	1.3	1.9	0.8	0.7	0.2	0.0	0.0	0.5	97.9	1.6
27-28	0.0	0.0	0.0	0.5	1.9	1.6	2.0	1.3	0.7	0.2	0.1	0.0	0.7	97.2	2.1
29-30	0.0	0.0	0.1	0.4	1.9	1.4	1.9	1.2	0.8	0.3	0.1	0.0	0.7	96.5	2.8
31-35	0.0	0.0	0.3	2.1	4.8	5.7	5.4	3.7	2.4	1.1	0.3	0.0	2.2	94.4	3.5
36-40	0.1	0.1	0.6	2.7	6.0	7.4	6.8	4.0	3.9	1.2	0.8	0.3	2.8	91.5	5.6
41-45	0.1	0.1	0.7	2.7	6.2	7.1	7.7	4.3	4.7	3.5	1.2	0.6	3.3	88.3	8.5
46-50	0.5	0.3	0.8	5.2	6.8	7.6	7.7	6.5	6.6	5.4	3.8	1.3	4.4	83.9	11.7
51-55	1.3	0.6	1.5	6.3	7.9	7.5	5.9	7.6	6.7	7.4	6.0	3.4	5.2	78.7	16.1
56-60	4.4	2.9	3.2	8.0	8.0	8.0	6.2	6.7	7.3	9.3	9.1	6.3	6.6	72.0	21.3
61-65	6.9	5.9	6.0	7.9	7.1	7.0	6.5	7.1	8.7	8.9	11.4	9.3	7.7	64.3	28.0
66-70	10.8	10.5	8.2	9.0	7.7	7.2	7.0	7.7	10.0	13.7	14.7	13.0	10.0	54.3	35.7
71-72	4.5	4.7	3.9	3.8	2.7	2.3	2.4	3.3	3.5	5.2	4.7	5.0	3.8	50.5	45.7
73-74	4.9	5.3	4.5	4.2	4.1	3.7	2.9	3.7	5.6	7.4	6.5	6.1	4.9	45.6	49.5
75-76	6.1	5.4	4.8	4.7	2.8	2.1	2.2	2.7	3.8	5.0	6.3	6.7	4.4	41.3	54.4
77-78	6.2	4.9	4.6	4.1	4.0	2.9	3.5	3.7	5.3	5.5	4.9	4.9	4.5	36.7	58.7
79-80	7.8	8.0	6.5	5.5	2.9	2.7	2.4	3.5	6.0	6.6	6.4	7.6	5.5	31.3	63.3
81-82	5.4	5.0	4.7	4.1	3.3	2.9	2.7	4.3	4.2	3.8	2.9	4.7	4.0	27.3	68.7
83-84	7.9	9.4	7.4	5.8	3.6	3.2	3.6	5.0	5.3	5.2	5.8	5.5	5.6	21.6	72.7
85-86	5.1	6.4	5.7	4.1	2.7	2.6	3.2	4.1	3.0	2.5	2.7	3.4	3.8	17.9	78.4
87-88	5.3	6.0	6.1	3.6	3.1	2.6	3.1	3.1	2.4	2.3	2.4	4.3	3.7	14.2	82.1
89-90	6.5	6.9	8.8	5.1	3.8	3.0	3.3	4.7	3.4	2.0	3.7	5.3	4.7	9.5	85.8
91-92	4.8	5.3	6.8	4.1	2.2	2.1	2.1	2.6	1.4	1.2	2.0	4.1	3.2	6.3	90.5
93-94	5.8	5.6	7.8	3.2	2.3	3.0	2.1	2.6	0.8	1.0	2.6	5.0	3.5	2.8	93.7
95-96	3.4	4.0	4.4	1.1	1.7	1.2	0.9	1.0	0.3	0.3	1.0	1.8	1.8	1.0	97.2
97-98	1.4	2.2	1.9	0.5	0.4	0.4	0.1	0.3	0.1	0.1	0.2	0.7	0.7	0.4	99.0
NUMBER OF READINGS	3466	3144	3459	3355	3208	3357	3470	3467	3359	3468	3355	3193	40301		

STATION: - DARWIN AERO.

TABLE 14(d)

## PERCENTAGE FREQUENCY DISTRIBUTION OF ABSOLUTE HUMIDITIES

DEW POINT (C)	VAPOUR PRESSURE (mbar)	MONTH												YEAR	CUMULATIVE	
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
-8	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	100.0	0.0
-7	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	100.0	0.0
-6	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	99.9	0.0
-5	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	99.9	0.1
-4	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.1	0.0	0.0	0.0	99.9	0.1
-3	4.9	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	99.9	0.1
-2	5.3	0.0	0.0	0.0	0.0	0.1	0.3	0.3	0.2	0.1	0.0	0.0	0.0	0.1	99.8	0.1
-1	5.7	0.0	0.0	0.0	0.0	0.1	0.4	0.5	0.3	0.0	0.0	0.0	0.0	0.1	99.7	0.2
0	6.2	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.5	0.0	0.0	0.0	0.1	99.6	0.3
1	6.7	0.0	0.0	0.0	0.0	0.1	0.7	1.0	0.5	0.1	0.0	0.0	0.0	0.2	99.4	0.4
2	7.1	0.0	0.0	0.0	0.0	0.1	0.9	1.3	0.6	0.2	0.0	0.0	0.0	0.3	99.1	0.6
3	7.7	0.0	0.0	0.0	0.0	0.4	1.1	1.9	1.0	0.4	0.1	0.0	0.0	0.4	98.7	0.9
4	8.2	0.0	0.0	0.0	0.0	0.6	1.3	2.4	1.3	0.4	0.0	0.0	0.0	0.5	98.2	1.3
5	8.7	0.0	0.0	0.0	0.0	0.3	1.0	1.4	0.7	0.2	0.0	0.0	0.0	0.3	97.9	1.8
6	9.4	0.0	0.0	0.0	0.1	0.6	2.0	2.8	1.4	0.3	0.1	0.0	0.0	0.6	97.3	2.1
7	10.0	0.0	0.0	0.0	0.0	1.2	2.0	3.1	0.9	0.4	0.1	0.0	0.0	0.7	96.6	2.7
8	10.7	0.0	0.0	0.0	0.3	1.4	2.2	3.1	1.1	0.4	0.1	0.0	0.0	0.7	95.9	3.4
9	11.5	0.0	0.0	0.0	0.7	2.2	2.8	2.8	1.1	0.5	0.2	0.0	0.0	0.9	95.0	4.1
10	12.3	0.0	0.0	0.0	0.3	1.7	2.7	1.9	1.0	0.7	0.1	0.0	0.0	0.7	94.3	5.0
11	13.1	0.0	0.0	0.1	0.5	3.1	4.0	3.9	1.7	0.8	0.1	0.0	0.1	1.2	93.1	5.7
12	14.0	0.0	0.0	0.0	0.6	3.0	4.8	5.0	1.8	1.0	0.2	0.1	0.0	1.4	91.7	6.9
13	15.0	0.0	0.0	0.1	1.1	4.0	5.3	5.6	2.3	2.0	0.3	0.1	0.0	1.8	90.0	8.3
14	16.0	0.0	0.0	0.2	1.4	4.7	6.3	5.9	4.5	2.1	0.7	0.0	0.0	2.2	87.8	10.0
15	17.1	0.0	0.0	0.2	1.4	3.5	3.7	4.7	2.9	1.9	0.3	0.2	0.1	1.6	86.2	12.2
16	18.2	0.1	0.0	0.3	2.1	5.8	7.1	8.9	6.8	3.5	1.1	0.4	0.2	3.1	83.2	13.8
17	19.4	0.1	0.0	0.5	2.8	6.5	8.0	9.1	8.8	5.1	2.2	0.6	0.1	3.7	79.5	16.8
18	20.6	0.3	0.1	0.7	3.9	6.9	7.8	9.8	10.2	6.7	2.9	1.3	0.3	4.3	75.2	20.5
19	22.0	0.3	0.1	1.0	3.8	7.2	10.7	8.8	12.1	9.9	4.4	2.1	0.9	5.2	70.1	24.8
20	23.4	0.4	0.3	0.8	4.4	6.9	7.4	6.3	10.0	9.1	5.8	2.5	0.9	4.6	65.5	29.9
21	24.9	2.4	1.4	3.4	10.7	11.3	8.7	6.4	13.4	18.0	13.3	7.4	4.7	8.5	57.0	34.5
22	26.4	7.6	7.3	9.3	19.0	11.4	5.3	2.1	9.7	20.6	24.3	18.1	11.7	12.2	44.8	43.0
23	28.1	23.4	22.6	23.3	25.2	11.8	2.7	0.4	4.2	11.4	26.0	28.6	24.9	17.0	27.8	55.2
24	29.8	38.6	41.6	36.9	16.2	4.6	0.4	0.0	0.6	3.1	14.6	27.1	35.3	18.1	9.7	72.2
25	31.7	20.1	20.0	16.5	4.3	0.5	0.0	0.0	0.0	0.4	2.7	9.0	15.5	7.3	2.4	90.3
26	33.6	6.4	6.4	6.4	1.0	0.0	0.0	0.0	0.0	0.0	0.3	2.4	4.9	2.3	0.1	97.6
27	35.6	0.3	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.1	0.0	99.9
NUMBER OF READINGS		3466	3144	3459	3355	3208	3357	3470	3467	3359	3468	3355	3163	40271		

NUMBER OF DEW POINTS GREATER THAN 38C 0  
NUMBER OF DEW POINTS LESS THAN -15C 0

STATION:- DARWIN AERO.

TABLE 14(e)

DOUBLE CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION FOR TEMPERATURE AND RELATIVE HUMIDITY

TEMPERATURE (C)	PERCENTAGE OF READINGS AT OR ABOVE GIVEN CONDITIONS RELATIVE HUMIDITY (%)																NUMBER OF READINGS
	0	5	10	15	20	25	30	40	50	60	70	75	80	85	90	95	
14	100.0	100.0	100.0	99.8	99.2	98.2	96.5	91.5	83.8	72.0	54.3	43.2	31.3	19.8	9.5	1.8	12
15	100.0	100.0	99.9	99.7	99.2	98.2	96.5	91.5	83.8	72.0	54.3	43.2	31.3	19.8	9.5	1.8	24
16	99.9	99.9	99.9	99.7	99.1	98.1	96.4	91.5	83.8	72.0	54.3	43.2	31.2	19.8	9.5	1.8	55
17	99.8	99.8	99.7	99.6	99.0	98.0	96.3	91.3	83.7	71.9	54.3	43.2	31.2	19.8	9.5	1.8	160
18	99.4	99.4	99.3	99.2	98.6	97.6	95.9	91.0	83.5	71.8	54.1	43.1	31.1	19.8	9.5	1.8	305
19	98.6	98.6	98.6	98.4	97.9	96.8	95.2	90.4	83.0	71.3	53.8	42.7	30.9	19.6	9.4	1.8	464
20	97.5	97.5	97.4	97.3	96.7	95.7	94.1	89.4	82.2	70.6	53.2	42.3	30.5	19.4	9.3	1.8	699
21	95.7	95.7	95.7	95.5	95.0	94.0	92.4	87.9	80.8	69.5	52.3	41.5	29.9	19.0	9.1	1.8	944
22	93.4	93.4	93.4	93.2	92.6	91.7	90.1	85.7	78.9	67.8	50.9	40.3	28.9	18.3	8.7	1.7	1286
23	90.2	90.2	90.2	90.0	89.5	88.5	87.0	82.7	76.1	65.4	48.9	38.5	27.4	17.2	8.2	1.6	1725
24	85.9	85.9	85.9	85.7	85.2	84.2	82.8	78.6	72.2	61.8	45.8	35.7	25.0	15.4	7.2	1.3	2730
25	79.1	79.1	79.1	78.9	78.4	77.5	76.1	72.0	65.8	55.7	40.5	30.8	20.6	11.9	5.0	0.7	3579
26	70.3	70.3	70.2	70.1	69.6	68.7	67.3	63.4	57.4	47.6	33.1	24.0	14.7	7.4	2.4	0.2	4059
27	60.2	60.2	60.2	60.0	59.5	58.8	57.4	53.7	48.0	38.6	24.9	16.5	8.7	3.3	0.6	0.0	4704
28	48.5	48.5	48.5	48.3	47.9	47.3	46.1	42.6	37.2	28.4	16.0	9.2	3.6	0.7	0.1	0.0	4757
29	36.7	36.7	36.7	36.6	36.2	35.7	34.6	31.5	26.7	18.8	8.1	3.4	0.7	0.0	0.0	0.0	4295
30	26.1	26.1	26.0	25.9	25.7	25.3	24.4	21.8	17.8	10.9	2.7	0.6	0.0	0.0	0.0	0.0	3318
31	17.8	17.8	17.8	17.7	17.6	17.2	16.6	14.6	11.4	5.8	0.6	0.1	0.0	0.0	0.0	0.0	3174
32	9.9	9.9	9.9	9.9	9.8	9.6	9.2	7.8	5.6	2.1	0.1	0.0	0.0	0.0	0.0	0.0	2446
33	3.9	3.9	3.9	3.8	3.8	3.7	3.4	2.6	1.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	1145
34	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	354
35	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52
36	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10
NUMBER OF READINGS	0	13	79	265	527	804	2176	3193	4829	7138	4478	4831	5239	4172	3083	740	41567

TABLE 15

STATION:- GILES

BUREAU OF METEOROLOGY NUMBER:- 13017

LATITUDE:- 25 02 E

LONGITUDE:- 128 18 S

ELEVATION:- 580m AMSL

PERIOD OF RECORD:- 1/ 4/1962 TO 30/11/1977

TABLE OF MISSING READINGS

TIME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0000	465	424	465	450	465	450	465	465	450	465	450	434	5448
0300	32	28	4	4	7	3	1	2	0	10	31	31	153
0600	32	30	4	3	7	5	2	4	0	7	30	31	155
0900	31	28	1	1	5	10	2	5	1	6	30	31	151
1200	31	29	1	0	4	0	2	0	0	5	30	31	133
1500	32	35	1	0	3	0	1	0	1	6	30	31	140
1800	31	36	1	0	3	9	25	31	2	8	31	31	208
2100	43	62	42	11	2	3	52	36	24	29	42	70	416
TOTAL	697	672	519	469	496	480	550	543	478	536	674	690	6804

STATION:- GILES

TABLE 15(a)

## PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURES

TEMPERATURE (C)	MONTH												CUMULATIVE		
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	ABOVE	BELOW
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.2	0.0	0.0	0.0	0.0	0.1	99.9	0.0
3	0.0	0.0	0.0	0.0	0.0	0.4	0.9	0.4	0.0	0.0	0.0	0.0	0.1	99.8	0.1
4	0.0	0.0	0.0	0.0	0.2	1.2	2.1	1.2	0.1	0.0	0.0	0.0	0.4	99.4	0.2
5	0.0	0.0	0.0	0.0	0.3	1.8	2.9	1.4	0.1	0.0	0.0	0.0	0.6	98.8	0.6
6	0.0	0.0	0.0	0.0	0.4	2.6	3.4	2.0	0.4	0.0	0.0	0.0	0.8	98.0	1.2
7	0.0	0.0	0.0	0.0	0.9	3.6	4.4	3.3	0.8	0.1	0.0	0.0	1.1	96.9	2.0
8	0.0	0.0	0.0	0.1	1.7	3.8	5.1	4.3	1.0	0.3	0.0	0.0	1.4	95.5	3.1
9	0.0	0.0	0.0	0.2	2.8	4.4	4.2	3.8	2.1	0.3	0.0	0.0	1.5	94.0	4.5
10	0.0	0.0	0.0	0.6	3.3	4.6	5.1	4.1	2.3	0.7	0.1	0.0	1.8	92.2	6.0
11	0.0	0.1	0.0	0.9	4.2	5.1	4.8	4.3	3.5	1.0	0.2	0.1	2.1	90.1	7.8
12	0.0	0.0	0.1	1.6	4.8	6.1	5.8	5.1	2.5	1.5	0.1	0.1	2.4	87.7	9.9
13	0.0	0.0	0.1	2.1	4.8	6.3	6.0	5.7	4.0	1.6	0.1	0.2	2.7	85.1	12.3
14	0.1	0.1	0.2	2.8	5.4	7.2	6.2	6.4	3.9	2.3	0.5	0.2	3.0	82.1	14.9
15	0.0	0.0	0.4	2.9	6.1	7.8	6.1	6.3	4.0	2.5	0.8	0.3	3.2	78.8	17.9
16	0.1	0.1	1.3	4.3	7.0	7.7	7.1	5.5	5.0	2.5	1.2	0.4	3.6	75.2	21.2
17	0.4	0.7	1.1	4.6	7.0	7.3	6.4	6.5	5.9	3.4	2.0	0.8	3.9	71.3	24.8
18	0.5	1.5	2.5	5.1	7.0	7.9	7.2	6.5	5.7	4.1	3.2	1.3	4.5	66.8	28.7
19	0.9	1.6	3.4	5.0	5.6	5.9	5.2	5.7	6.1	4.5	3.1	1.9	4.1	62.7	33.2
20	1.4	2.5	3.3	5.0	5.9	4.7	4.2	5.2	5.7	4.6	3.6	2.0	4.1	58.6	37.3
21	2.4	3.0	4.8	5.6	6.6	3.9	4.2	4.7	5.8	5.7	4.2	3.2	4.6	54.1	41.4
22	2.7	3.8	5.1	6.8	5.8	3.0	2.8	3.9	6.3	5.0	4.3	4.0	4.5	49.6	45.9
23	3.9	4.6	5.5	6.3	4.8	2.3	2.2	3.7	5.3	6.0	4.6	4.1	4.5	45.1	50.4
24	4.4	5.5	6.2	6.2	4.1	1.0	1.4	2.4	4.6	4.9	5.5	4.2	4.2	40.9	54.9
25	4.8	4.3	4.8	4.9	3.7	0.6	0.7	2.2	4.3	5.7	5.3	4.6	3.8	37.2	59.1
26	4.8	5.8	5.4	5.8	3.1	0.4	0.3	2.0	4.2	4.7	5.4	5.5	3.9	33.3	62.8
27	7.0	6.3	6.6	6.5	2.1	0.1	0.5	1.1	4.3	5.7	6.2	5.4	4.3	29.0	66.7
28	6.0	5.3	6.4	5.2	1.4	0.0	0.1	1.0	3.8	5.1	6.5	6.3	3.9	25.1	71.0
29	5.0	6.4	5.7	4.5	0.6	0.0	0.1	0.4	2.9	4.3	5.0	5.8	3.3	21.8	74.9
30	5.0	4.7	5.1	4.5	0.1	0.0	0.0	0.3	1.8	4.1	4.6	5.4	2.9	18.9	78.2
31	4.9	5.1	5.7	3.2	0.0	0.0	0.0	0.1	1.4	3.8	6.5	5.6	3.0	15.9	81.1
32	5.9	6.2	6.2	2.2	0.0	0.0	0.0	0.0	1.3	4.0	5.1	5.9	3.0	13.0	84.1
33	5.8	4.8	5.8	1.2	0.0	0.0	0.0	0.0	0.5	4.3	4.9	5.6	2.7	10.3	87.0
34	5.8	5.3	4.5	0.6	0.0	0.0	0.0	0.0	0.2	2.8	4.4	5.8	2.3	7.9	89.7
35	6.2	5.0	3.6	0.5	0.0	0.0	0.0	0.0	0.1	2.1	4.0	5.0	2.1	5.8	92.1
36	5.5	5.2	2.5	0.3	0.0	0.0	0.0	0.0	0.0	1.1	2.5	5.4	1.8	4.0	94.2
37	5.4	4.7	1.9	0.1	0.0	0.0	0.0	0.0	0.0	0.8	2.7	3.8	1.5	2.5	96.0
38	4.4	3.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.5	2.0	3.1	1.1	1.4	97.5
39	3.1	2.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.2	1.7	0.7	0.7	98.6
40	1.8	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.5	0.4	0.3	99.3
41	1.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.2	0.1	99.7
42	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.1	0.0	99.9
43	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	100.0
NUMBER OF READINGS	3023	2720	3201	3131	3224	3120	3170	3177	3122	3184	2926	2782	36780		

STATION: - GILES

TABLE 15(b)

CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURES													
TEMPERATURE (C)	PERCENTAGE OF READINGS AT OR ABOVE GIVEN TEMPERATURE												
	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0
3	100.0	100.0	100.0	100.0	100.0	99.7	99.6	99.8	100.0	100.0	100.0	100.0	99.9
4	100.0	100.0	100.0	100.0	100.0	99.4	98.7	99.4	100.0	100.0	100.0	100.0	99.8
5	100.0	100.0	100.0	100.0	99.8	98.2	96.7	98.2	99.9	100.0	100.0	100.0	99.4
6	100.0	100.0	100.0	100.0	99.4	96.4	93.8	96.9	99.8	100.0	100.0	100.0	98.8
7	100.0	100.0	100.0	100.0	99.0	93.8	90.4	94.8	99.4	100.0	100.0	100.0	98.0
8	100.0	100.0	100.0	100.0	98.1	90.1	86.0	91.5	98.6	99.9	100.0	100.0	96.9
9	100.0	100.0	100.0	99.8	96.4	86.4	80.8	87.2	97.6	99.6	100.0	100.0	95.5
10	100.0	100.0	100.0	99.6	93.6	82.0	76.6	83.3	95.5	99.4	100.0	100.0	94.0
11	100.0	100.0	100.0	99.1	90.3	77.3	71.5	79.2	93.1	98.7	99.9	100.0	92.2
12	100.0	99.9	100.0	98.2	86.1	72.2	66.7	74.9	89.6	97.7	99.8	99.9	90.1
13	100.0	99.9	99.9	96.6	81.2	66.2	60.9	69.8	87.1	96.2	99.7	99.8	87.7
14	100.0	99.9	99.8	94.4	76.4	59.9	55.0	64.1	83.1	94.6	99.6	99.6	85.1
15	99.9	99.8	99.6	91.6	71.0	52.7	48.7	57.7	79.2	92.3	99.0	99.4	82.1
16	99.9	99.8	99.2	88.7	64.9	44.8	42.6	51.3	75.2	89.8	98.3	99.1	78.8
17	99.8	99.6	97.9	84.4	57.8	37.2	35.5	45.8	70.2	87.2	97.1	98.8	75.2
18	99.4	99.0	96.8	79.7	50.9	29.8	29.1	39.3	64.3	83.9	95.1	98.0	71.2
19	98.9	97.4	94.3	74.6	43.8	21.9	21.9	32.8	58.6	79.8	91.9	96.7	66.8
20	98.0	95.8	90.9	69.6	38.2	16.1	16.7	27.2	52.6	75.3	88.8	94.7	62.7
21	96.7	93.4	87.5	64.6	32.3	11.3	12.5	22.0	46.9	70.7	85.2	92.7	58.6
22	94.2	90.4	82.7	59.0	25.7	7.4	8.2	17.2	41.1	65.1	81.0	89.5	54.1
23	91.5	86.5	77.6	52.1	19.9	4.4	5.4	13.4	34.7	60.1	76.7	85.5	49.6
24	87.6	81.9	72.1	45.8	15.1	2.1	3.2	9.6	29.4	54.1	72.1	81.4	45.1
25	83.3	76.4	66.0	39.6	11.0	1.1	1.8	7.2	24.8	49.2	66.6	77.2	40.9
26	78.5	72.2	61.2	34.7	7.3	0.5	1.0	5.0	20.6	43.5	61.3	72.6	37.2
27	73.7	66.4	55.8	28.8	4.2	0.1	0.7	3.1	16.4	38.8	56.0	67.1	33.3
28	66.7	60.1	49.1	22.4	2.1	0.0	0.3	2.0	12.1	33.1	49.8	61.7	29.0
29	60.7	54.8	42.7	17.2	0.7	0.0	0.1	0.9	8.3	28.0	43.3	55.4	25.1
30	55.7	48.4	37.0	12.6	0.2	0.0	0.0	0.5	5.4	23.6	38.3	49.6	21.8
31	50.7	43.6	31.9	8.1	0.0	0.0	0.0	0.2	3.6	19.5	33.7	44.2	18.9
32	45.8	38.5	26.2	4.9	0.0	0.0	0.0	0.0	2.2	15.7	27.3	38.6	15.9
33	39.9	32.3	20.0	2.7	0.0	0.0	0.0	0.0	0.9	11.8	22.2	32.7	13.0
34	34.1	27.5	14.2	1.5	0.0	0.0	0.0	0.0	0.3	7.4	17.3	27.0	10.3
35	28.3	22.2	9.7	0.9	0.0	0.0	0.0	0.0	0.1	4.7	12.9	21.2	7.9
36	22.2	17.2	6.1	0.4	0.0	0.0	0.0	0.0	0.0	2.6	8.9	16.2	5.8
37	16.6	12.0	3.6	0.1	0.0	0.0	0.0	0.0	0.0	1.5	6.4	10.9	4.0
38	11.3	7.4	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.7	3.7	7.1	2.5
39	6.9	4.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.7	4.0	1.4
40	3.7	2.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	2.3	0.7
41	1.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.8	0.3
42	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.1
43	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
44	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NUMBER OF READINGS	3023	2720	3201	3131	3224	3120	3170	3177	3122	3184	2926	2782	36780

STATION:- GILES

TABLE 15(c)

## PERCENTAGE FREQUENCY DISTRIBUTIONS OF RELATIVE HUMIDITIES

RELATIVE HUMIDITY (%)	MONTH												YEAR	CUMULATIVE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
3-4	1.9	1.4	0.3	0.1	0.0	0.0	0.1	0.6	0.8	2.3	2.7	2.2	1.0	98.8	0.2
5-6	3.0	2.5	1.2	0.9	0.1	0.1	0.1	1.0	2.0	4.4	4.5	3.8	1.9	96.9	1.2
7-8	4.5	4.8	2.5	1.9	0.4	0.1	0.3	1.9	3.7	6.2	6.4	5.5	3.1	93.8	3.1
9-10	6.2	5.5	2.8	2.2	1.1	0.3	1.2	2.5	4.4	7.1	7.6	6.4	3.9	89.9	6.2
11-12	6.9	5.2	5.3	3.5	1.7	0.9	1.7	3.4	4.7	7.3	8.3	6.1	4.5	85.4	10.1
13-14	7.1	5.7	6.0	4.4	2.9	0.9	2.3	3.1	5.5	7.2	6.9	7.4	4.9	80.5	14.6
15-16	6.4	5.1	5.3	5.5	2.9	1.5	2.6	4.0	6.0	6.2	6.5	6.5	4.8	75.6	19.5
17-18	6.2	5.7	6.0	5.9	3.5	2.1	3.3	4.2	5.4	5.1	6.5	5.9	4.9	70.7	24.4
19-20	4.4	4.3	5.5	6.5	4.2	2.9	3.4	4.3	5.6	5.6	5.4	5.6	4.8	65.9	29.3
21-22	5.5	4.2	4.4	6.4	4.0	3.0	3.6	4.3	5.0	5.0	4.8	4.3	4.5	61.3	34.1
23-24	3.9	3.9	4.8	5.3	4.1	3.4	4.0	4.6	4.5	4.9	4.4	4.2	4.4	57.0	38.7
25-26	3.6	3.7	4.9	5.2	4.8	4.2	3.9	3.8	4.2	3.3	3.5	3.9	4.1	52.9	43.0
27-28	3.3	3.4	4.1	5.2	3.9	4.1	4.7	4.1	4.1	3.6	3.6	4.2	4.0	48.9	47.1
29-30	3.3	2.9	3.7	3.7	4.6	3.4	4.4	4.1	3.4	3.3	2.3	3.3	3.6	45.3	51.1
31-35	6.9	6.4	8.7	9.7	10.8	9.5	9.8	9.0	8.1	6.2	6.3	5.8	8.2	37.1	54.7
36-40	5.2	5.2	7.2	7.1	7.8	8.9	9.3	7.5	6.6	4.6	4.0	5.0	6.6	30.6	62.9
41-45	3.7	4.6	4.7	6.3	8.0	8.6	8.4	7.1	4.7	3.4	3.3	4.0	5.6	25.0	69.4
46-50	2.5	3.7	4.6	4.8	7.0	7.6	7.0	6.0	4.4	2.8	2.6	2.8	4.7	20.3	75.0
51-55	2.4	4.0	2.9	2.9	4.9	6.3	5.9	5.3	3.0	2.9	1.8	3.1	3.8	16.5	79.7
56-60	2.5	2.6	3.3	2.4	4.2	6.2	4.6	3.3	3.2	1.3	1.6	2.0	3.1	13.3	83.5
61-65	2.2	2.5	2.7	1.4	4.0	4.8	4.6	3.5	2.2	1.3	1.3	1.7	2.7	10.6	86.7
66-70	1.8	2.3	1.9	1.5	3.5	4.3	3.9	2.8	1.5	1.0	1.0	1.5	2.3	8.3	89.4
71-72	0.2	0.7	0.7	0.5	1.4	1.8	1.5	0.7	0.7	0.4	0.4	0.5	0.8	7.5	91.7
73-74	0.4	0.7	0.4	0.6	1.1	1.3	1.1	1.0	0.8	0.3	0.3	0.3	0.7	6.8	92.5
75-76	0.6	1.1	0.7	0.7	0.9	1.4	0.9	0.7	0.8	0.5	0.2	0.5	0.8	6.1	93.2
77-78	0.6	0.8	0.6	0.5	0.8	1.2	1.0	0.6	0.6	0.3	0.3	0.5	0.7	5.4	93.9
79-80	0.5	0.4	0.3	0.4	0.7	1.0	0.7	0.5	0.4	0.3	0.4	0.6	0.5	4.9	94.6
81-82	0.4	0.7	0.3	0.5	0.7	1.5	0.9	0.7	0.4	0.3	0.2	0.1	0.6	4.3	95.1
83-84	0.9	0.5	0.4	0.4	0.9	1.2	0.8	0.9	0.5	0.4	0.4	0.3	0.6	3.7	95.7
85-86	0.2	0.6	0.4	0.4	0.9	1.1	0.7	0.4	0.4	0.3	0.4	0.4	0.5	3.1	96.3
87-88	0.3	0.4	0.5	0.6	0.9	0.9	0.3	0.6	0.2	0.3	0.2	0.2	0.5	2.7	96.9
89-90	0.3	0.7	0.6	0.4	1.0	1.0	0.8	0.6	0.3	0.2	0.4	0.4	0.6	2.1	97.3
91-92	0.5	0.6	0.5	0.4	0.7	0.7	0.6	0.6	0.3	0.3	0.3	0.1	0.5	1.6	97.9
93-94	0.4	0.8	0.3	0.8	0.7	1.6	0.3	0.9	0.5	0.5	0.1	0.2	0.6	1.0	98.4
95-96	0.6	1.0	0.6	0.6	0.4	1.3	0.4	0.4	0.5	0.3	0.2	0.1	0.5	0.5	99.0
97-98	0.1	0.5	0.3	0.3	0.4	0.5	0.3	0.6	0.3	0.1	0.2	0.1	0.3	0.2	99.5
NUMBER OF READINGS	3023	2720	3201	3131	3224	3115	3166	3176	3116	3179	2925	2782	36758		

STATION: - GILES

TABLE 15(d)

## PERCENTAGE FREQUENCY DISTRIBUTION OF ABSOLUTE HUMIDITIES

DEW POINT (C)	VAPOUR PRESSURE (mbar)	MONTH												YEAR	CUMULATIVE	
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BFLOW
-14	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.2	0.0	0.0	0.1	99.8	0.1
-13	2.3	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.8	0.3	0.2	0.1	0.0	0.1	99.7	0.2
-12	2.5	0.0	0.0	0.0	0.1	0.1	0.1	0.3	0.7	0.4	0.4	0.1	0.0	0.2	99.5	0.3
-11	2.7	0.1	0.1	0.1	0.0	0.1	0.2	0.6	0.9	1.0	0.5	0.2	0.1	0.3	99.2	0.5
-10	2.9	0.2	0.0	0.1	0.1	0.3	0.2	0.7	1.3	1.0	0.7	0.6	0.2	0.5	98.7	0.8
-9	3.1	1.1	1.1	0.3	0.8	0.7	0.9	2.6	3.6	3.9	5.1	3.4	1.9	2.1	96.6	1.3
-8	3.3	0.8	0.7	0.3	0.6	0.9	0.9	2.3	2.5	2.6	3.0	1.6	1.1	1.5	95.1	3.4
-7	3.6	0.7	1.4	0.5	1.1	1.4	1.7	3.0	3.7	3.3	3.6	2.5	1.5	2.0	93.1	4.9
-6	3.9	1.7	1.1	1.0	1.3	2.2	2.6	4.6	5.6	4.8	4.2	2.5	1.7	2.8	90.3	6.9
-5	4.3	0.9	0.6	1.1	1.2	1.8	2.5	2.9	3.8	3.7	3.4	2.0	1.7	2.2	88.1	9.7
-4	4.6	1.8	1.7	1.7	3.3	3.8	3.8	6.8	6.7	5.7	5.2	4.0	1.9	3.9	84.2	11.9
-3	4.9	2.9	3.1	2.2	4.2	4.4	5.4	7.7	7.8	6.8	5.4	5.2	3.4	4.9	79.3	15.8
-2	5.3	3.3	2.7	2.3	5.4	5.6	6.7	8.5	8.0	6.1	6.4	5.0	3.5	5.4	73.9	20.7
-1	5.7	3.8	3.4	3.6	5.5	7.5	9.2	8.8	8.2	6.7	6.1	6.3	4.9	6.2	67.6	26.1
0	6.2	2.6	1.6	2.5	3.8	3.9	5.5	4.3	4.4	4.2	4.5	4.0	3.8	3.8	63.9	32.4
1	6.7	4.3	3.7	3.5	7.5	7.4	8.7	7.4	6.4	5.9	6.9	6.0	4.2	6.0	57.8	36.1
2	7.1	4.2	3.2	4.6	7.7	9.7	8.3	9.0	5.6	7.4	5.9	5.2	4.9	6.4	51.5	42.2
3	7.7	4.3	3.9	5.1	7.1	8.9	7.3	6.4	5.8	5.6	5.9	5.4	5.6	6.0	45.5	48.5
4	8.2	6.2	4.6	5.5	7.6	7.8	5.1	5.5	3.8	5.6	4.1	5.7	7.0	5.7	39.8	54.5
5	8.7	2.9	2.6	3.6	4.4	3.8	3.2	3.3	3.0	3.5	3.1	3.8	2.5	3.3	36.5	60.2
6	9.4	5.4	4.6	5.6	6.2	4.4	4.2	3.8	3.5	3.8	3.8	5.5	5.2	4.6	31.8	63.5
7	10.0	4.6	4.8	5.7	4.7	4.4	5.4	2.7	2.9	3.9	3.1	5.0	4.7	4.3	27.5	68.2
8	10.7	5.1	4.3	6.7	5.0	4.3	3.9	2.3	2.6	3.2	3.7	4.3	4.9	4.2	23.3	72.5
9	11.5	4.8	5.3	6.8	4.3	3.3	3.1	1.2	2.1	2.0	3.1	3.0	5.1	3.6	19.7	76.7
10	12.3	2.9	3.1	3.1	2.6	2.0	2.1	1.3	1.3	1.5	2.0	2.5	3.1	2.3	17.4	80.3
11	13.1	4.5	4.4	5.4	3.5	2.7	2.5	1.6	1.5	1.5	2.0	3.2	3.7	3.0	14.4	82.6
12	14.0	3.3	4.3	4.9	3.2	1.9	2.3	0.9	1.4	1.7	2.2	2.3	4.3	2.7	11.7	85.6
13	15.0	3.7	4.3	4.1	2.1	1.9	1.9	0.4	0.9	1.5	1.2	2.3	3.0	2.2	9.4	88.3
14	16.0	3.5	4.0	4.0	1.6	1.5	1.3	0.3	0.3	1.2	1.4	2.6	3.6	2.1	7.4	90.6
15	17.1	2.2	3.3	2.5	1.2	1.4	0.3	0.2	0.2	0.6	1.2	1.5	1.9	1.3	6.0	92.6
16	18.2	3.0	5.0	2.8	1.1	0.9	0.4	0.0	0.1	0.2	0.5	2.2	3.3	1.6	4.5	94.0
17	19.4	3.1	4.0	3.1	1.2	0.6	0.2	0.0	0.0	0.1	0.7	1.0	2.3	1.3	3.2	95.5
18	20.6	2.7	3.9	2.3	0.7	0.1	0.0	0.0	0.0	0.0	0.1	0.8	2.1	1.0	2.1	96.8
19	22.0	3.0	2.4	2.2	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.3	1.4	0.8	1.4	97.9
20	23.4	2.5	2.4	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.8	98.6
21	24.9	2.1	2.3	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.5	0.4	99.2
22	26.4	1.3	1.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.1	99.6
23	28.1	0.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	99.9
24	29.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
NUMBER OF READINGS		3023	2720	3201	3131	3224	3115	3166	3176	3116	3179	2925	2782	36758		

NUMBER OF DEW POINTS GREATER THAN 38C 0  
 NUMBER OF DEW POINTS LESS THAN -15C 22

STATION:- GILES

TABLE 15(e)

DOUBLE CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION FOR TEMPERATURE AND RELATIVE HUMIDITY  
PERCENTAGE OF READINGS AT OR ABOVE GIVEN CONDITIONS

TEMPERATURE (C)	RELATIVE HUMIDITY (%)																NUMBER READIN
	0	5	10	15	20	25	30	40	50	60	70	75	80	85	90	95	
1	100.0	97.9	89.8	78.0	65.8	54.9	45.3	30.5	20.2	13.3	8.3	6.4	4.9	3.4	2.1	0.7	2
2	100.0	97.9	89.8	78.0	65.8	54.8	45.3	30.5	20.2	13.3	8.3	6.4	4.9	3.4	2.1	0.7	22
3	99.9	97.8	89.8	77.9	65.8	54.8	45.2	30.5	20.2	13.2	8.2	6.4	4.8	3.4	2.1	0.7	53
4	99.8	97.7	89.6	77.8	65.6	54.6	45.1	30.3	20.0	13.1	8.2	6.3	4.8	3.4	2.1	0.7	148
5	99.4	97.3	89.2	77.4	65.2	54.2	44.7	29.9	19.7	12.8	8.0	6.2	4.7	3.3	2.1	0.7	205
6	98.8	96.7	88.7	76.8	64.7	53.7	44.1	29.4	19.2	12.5	7.8	6.1	4.6	3.3	2.0	0.7	285
7	98.0	95.9	87.9	76.0	63.9	52.9	43.3	28.7	18.7	12.1	7.6	6.0	4.5	3.2	2.0	0.7	415
8	96.9	94.8	86.8	74.9	62.8	51.8	42.2	27.7	17.9	11.7	7.3	5.8	4.4	3.2	2.0	0.7	515
9	95.5	93.4	85.4	73.5	61.4	50.4	40.9	26.6	17.1	11.1	7.0	5.5	4.2	3.0	1.9	0.6	564
10	94.0	91.9	83.8	72.0	59.9	48.9	39.4	25.4	16.3	10.6	6.7	5.3	4.1	2.9	1.8	0.6	659
11	92.2	90.1	82.0	70.2	58.1	47.2	37.8	24.1	15.3	9.9	6.3	5.0	3.8	2.8	1.7	0.6	763
12	90.1	88.0	80.0	68.1	56.1	45.2	35.9	22.6	14.3	9.3	5.9	4.7	3.6	2.6	1.7	0.5	875
13	87.7	85.6	77.6	65.8	53.7	43.0	33.9	21.1	13.2	8.5	5.4	4.3	3.3	2.4	1.5	0.5	977
14	85.1	83.0	74.9	63.1	51.2	40.6	31.7	19.4	12.1	7.8	4.9	3.8	3.0	2.1	1.3	0.4	1115
15	82.1	79.9	71.9	60.1	48.3	37.9	29.4	17.8	11.0	6.9	4.3	3.4	2.6	1.8	1.1	0.4	1179
16	78.8	76.7	68.7	56.9	45.2	35.2	27.1	16.2	10.0	6.3	3.8	3.0	2.3	1.6	1.0	0.3	1334
17	75.2	73.1	65.1	53.4	41.9	32.3	24.7	14.6	9.1	5.6	3.4	2.6	1.9	1.4	0.8	0.3	1446
18	71.3	69.2	61.2	49.7	38.6	29.4	22.2	13.1	8.1	4.9	2.9	2.3	1.6	1.2	0.7	0.3	1643
19	66.8	64.7	56.8	45.5	34.9	26.4	19.8	11.6	7.0	4.3	2.5	1.9	1.3	1.0	0.6	0.2	1520
20	62.7	60.6	52.8	41.8	31.6	23.7	17.6	10.2	6.1	3.6	2.1	1.6	1.1	0.8	0.5	0.2	1497
21	58.6	56.5	48.8	38.1	28.5	21.1	15.6	8.8	5.3	3.0	1.7	1.3	0.9	0.6	0.4	0.1	1677
22	54.1	52.0	44.4	34.2	25.0	18.3	13.4	7.5	4.3	2.4	1.3	0.9	0.6	0.4	0.2	0.1	1652
23	49.6	47.5	40.1	30.3	21.8	15.6	11.3	6.2	3.5	1.8	0.9	0.7	0.4	0.3	0.1	0.1	1637
24	45.1	43.1	35.9	26.7	18.9	13.3	9.6	5.0	2.6	1.3	0.6	0.4	0.2	0.1	0.0	0.0	1534
25	40.9	39.0	32.0	23.3	16.2	11.2	7.9	3.9	1.9	0.8	0.3	0.2	0.1	0.0	0.0	0.0	1392
26	37.2	35.2	28.5	20.4	13.9	9.5	6.5	3.1	1.4	0.5	0.2	0.1	0.0	0.0	0.0	0.0	1437
27	33.3	31.4	24.9	17.4	11.7	7.7	5.1	2.3	1.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0	1569
28	29.0	27.2	21.1	14.4	9.3	6.0	3.8	1.6	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1418
29	25.1	23.4	17.8	11.8	7.4	4.5	2.7	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1218
30	21.8	20.2	15.0	9.6	5.8	3.4	1.9	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1075
31	18.9	17.3	12.6	7.8	4.5	2.6	1.4	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1086
32	15.9	14.5	10.3	6.1	3.4	1.8	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1095
33	13.0	11.6	8.0	4.5	2.3	1.1	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	986
34	10.3	9.1	6.1	3.2	1.5	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	863
35	7.9	6.9	4.5	2.2	0.9	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	782
36	5.8	5.0	3.1	1.4	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	658
37	4.0	3.4	2.0	0.9	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	561
38	2.5	2.1	1.1	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	413
39	1.4	1.1	0.6	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	257
40	0.7	0.5	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	140
41	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	71
42	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27
43	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11
44	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
NUMBER OF READINGS	776	2956	4364	4469	4037	3527	5418	3789	2551	1839	686	575	541	481	513	258	36780

TABLE 16

STATION:- HALLS CREEK M.O.

BUREAU OF METEOROLOGY NUMBER:- 02012

LATITUDE:- 18 14 E

LONGITUDE:- 127 40 S

ELEVATION:- 418m AMSL

PERIOD OF RECORD:- 1/ 1/1963 TO 31/12/1977

TABLE OF MISSING READINGS

TIME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0000	292	241	281	264	264	239	256	256	263	252	244	259	2111
0300	202	164	194	169	180	156	167	169	174	153	163	190	2081
0600	24	14	12	9	12	5	11	13	9	11	9	21	150
0900	2	3	0	0	2	0	4	2	4	0	0	0	17
1200	17	8	8	6	9	3	7	8	8	13	9	19	115
1500	99	93	93	99	92	84	90	96	94	107	98	92	1137
1800	264	238	269	248	261	250	258	249	232	252	264	254	3039
2100	445	404	442	434	444	432	448	446	434	448	431	451	5259
TOTAL	1345	1165	1299	1229	1264	1169	1241	1239	1218	1236	1218	1286	14909

AD-A113 664

MATERIALS RESEARCH LABS ASCOT VALE (AUSTRALIA) F/G 4/2  
PERCENTAGE FREQUENCY DISTRIBUTIONS OF TEMPERATURE AND HUMIDITY --ETC(U)  
NOV 81 J A MCRAE  
MRL-R-835 NI

F/G 4/2

NL

UNCLASSIFIED

2 of 3

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STATION: - HALLS CREEK M.O.

TABLE 16(a)

## PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURES

TEMPERATURE (C)	MONTH												YEAR	CUMULATIVE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.1	99.9	0.0
8	0.0	0.0	0.0	0.0	0.0	0.8	1.0	0.0	0.0	0.0	0.0	0.0	0.2	99.7	0.1
9	0.0	0.0	0.0	0.0	0.1	1.1	1.4	0.3	0.0	0.0	0.0	0.0	0.3	99.5	0.3
10	0.0	0.0	0.0	0.0	0.2	1.8	2.5	0.9	0.1	0.0	0.0	0.0	0.5	99.0	0.5
11	0.0	0.0	0.0	0.0	0.7	2.2	3.5	1.0	0.1	0.0	0.0	0.0	0.6	98.4	1.0
12	0.0	0.0	0.0	0.0	1.5	3.2	4.2	2.0	0.2	0.0	0.0	0.0	0.9	97.4	1.6
13	0.0	0.0	0.0	0.0	1.9	4.4	5.0	3.2	0.5	0.0	0.0	0.0	1.3	96.1	2.6
14	0.0	0.0	0.0	0.2	2.1	4.5	4.0	2.7	0.7	0.1	0.0	0.0	1.2	94.9	3.9
15	0.0	0.0	0.0	0.4	2.1	4.7	4.7	3.7	1.1	0.1	0.0	0.0	1.4	93.5	5.1
16	0.0	0.0	0.0	0.8	3.6	5.3	5.0	4.6	1.9	0.3	0.0	0.0	1.8	91.7	6.5
17	0.0	0.0	0.3	1.7	4.4	6.0	4.3	4.2	2.0	0.2	0.0	0.0	2.0	89.7	8.3
18	0.0	0.0	0.4	3.0	5.2	5.2	5.0	4.8	2.7	0.6	0.0	0.0	2.3	87.4	10.3
19	0.0	0.0	0.5	4.1	5.3	4.7	5.8	4.3	3.0	0.6	0.0	0.0	2.4	85.0	12.6
20	0.1	0.3	1.2	4.1	5.1	5.6	5.0	4.5	4.5	1.5	0.3	0.0	2.7	82.3	15.0
21	0.6	0.4	1.6	5.9	5.9	4.8	4.6	5.1	5.4	2.5	0.8	0.9	3.2	79.1	17.7
22	1.7	2.0	4.6	6.3	6.5	6.5	5.3	5.8	4.7	3.8	1.2	1.4	4.2	74.9	20.9
23	4.9	7.5	7.4	5.6	5.4	6.0	6.2	4.3	5.3	4.7	2.7	2.2	5.2	69.7	25.1
24	6.0	9.3	8.5	5.3	4.4	5.8	5.3	6.4	5.1	4.7	3.9	4.5	5.7	64.0	30.3
25	8.3	7.1	7.3	4.4	6.0	5.3	5.7	4.9	3.9	5.5	5.0	5.8	5.8	58.3	36.0
26	7.3	7.9	6.1	4.5	6.7	4.7	4.6	5.9	5.3	6.3	7.4	6.0	6.0	52.2	41.7
27	7.4	6.7	5.9	4.7	6.6	5.1	5.4	5.6	5.4	5.4	6.9	8.3	6.1	46.1	47.8
28	6.4	6.8	5.8	5.8	5.8	4.0	4.5	5.2	5.5	5.4	6.3	7.2	5.7	40.4	53.9
29	6.0	6.5	5.8	6.6	5.7	3.1	2.8	5.4	5.5	4.8	6.4	7.0	5.4	34.9	59.6
30	5.3	5.6	6.7	6.8	6.1	2.3	1.9	4.7	6.5	4.7	4.9	4.5	5.0	30.0	65.1
31	6.0	6.4	6.6	8.0	3.9	1.4	1.2	4.2	6.9	4.9	4.3	4.8	4.8	25.1	70.0
32	5.5	6.1	6.6	7.2	2.7	0.4	0.5	3.1	7.3	5.9	4.5	5.5	4.6	20.5	74.9
33	6.5	5.8	8.0	5.8	1.1	0.1	0.2	2.0	5.6	7.5	5.2	5.8	4.4	16.1	79.5
34	4.5	4.8	5.8	4.0	0.6	0.0	0.0	0.7	4.9	6.8	6.8	6.2	3.7	12.4	83.9
35	4.9	4.2	4.4	2.9	0.2	0.0	0.0	0.3	3.4	6.8	7.0	6.5	3.4	9.0	87.6
36	5.1	3.0	3.1	1.7	0.0	0.0	0.0	0.0	2.1	5.8	7.5	6.4	2.9	6.1	91.0
37	4.7	3.7	1.7	0.3	0.0	0.0	0.0	0.0	0.5	5.0	6.3	6.1	2.3	3.8	93.9
38	3.3	2.7	1.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	5.5	5.3	1.8	2.0	96.2
39	2.7	1.7	0.6	0.0	0.0	0.0	0.0	0.0	0.0	1.5	4.4	3.0	1.1	0.8	98.0
40	1.6	1.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.6	1.6	0.5	0.3	99.2
41	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.9	0.7	0.2	0.1	99.7
42	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.1	0.0	99.9
43	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	100.0
NUMBER OF READINGS	2215	2067	2237	2243	2288	2287	2343	2329	2254	2348	2230	2322	27163		

STATION: - HALLS CREEK M.O.

TABLE 16(b)

## CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURES

PERCENTAGE OF READINGS AT OR ABOVE GIVEN TEMPERATURE  
MONTH

TEMPERATURE (C)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
3	100.0	100.0	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0
4	100.0	100.0	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0
5	100.0	100.0	100.0	100.0	100.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
6	100.0	100.0	100.0	100.0	100.0	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
7	100.0	100.0	100.0	100.0	100.0	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
8	100.0	100.0	100.0	100.0	100.0	99.3	99.5	99.9	100.0	100.0	100.0	100.0	99.9
9	100.0	100.0	100.0	100.0	100.0	98.4	98.5	99.9	100.0	100.0	100.0	100.0	99.7
10	100.0	100.0	100.0	100.0	99.9	97.3	97.1	99.6	100.0	100.0	100.0	100.0	99.5
11	100.0	100.0	100.0	100.0	99.7	95.5	94.6	98.7	99.9	100.0	100.0	100.0	99.0
12	100.0	100.0	100.0	100.0	99.0	93.3	91.1	97.7	99.8	100.0	100.0	100.0	98.4
13	100.0	100.0	100.0	100.0	97.4	90.0	86.9	95.7	99.6	100.0	100.0	100.0	97.4
14	100.0	100.0	100.0	100.0	95.5	85.6	81.9	92.5	99.1	100.0	100.0	100.0	96.1
15	100.0	100.0	100.0	99.8	93.4	81.1	77.9	89.9	98.4	99.9	100.0	100.0	94.9
16	100.0	100.0	100.0	99.5	91.3	76.4	73.2	86.2	97.3	99.8	100.0	100.0	93.5
17	100.0	100.0	100.0	98.6	87.7	71.1	68.2	81.6	95.4	99.4	100.0	100.0	91.7
18	100.0	100.0	99.7	96.9	83.3	65.0	63.9	77.4	93.4	99.2	100.0	100.0	89.7
19	100.0	100.0	99.3	93.8	78.1	59.8	58.9	72.6	90.7	98.7	100.0	100.0	87.4
20	100.0	100.0	98.8	89.7	72.8	55.1	53.1	68.3	87.8	98.1	99.9	100.0	85.0
21	99.9	99.7	97.6	85.6	67.7	49.5	48.1	63.8	83.3	96.6	99.6	100.0	82.3
22	99.2	99.2	96.1	79.8	61.9	44.6	43.5	58.7	77.9	94.1	98.8	99.1	79.1
23	97.5	97.2	91.5	73.5	55.4	38.2	38.2	52.9	73.1	90.2	97.6	97.6	74.9
24	92.6	89.8	84.1	67.9	50.0	32.1	32.0	48.6	67.8	85.6	94.9	95.4	69.7
25	86.6	80.5	75.6	62.6	45.6	26.4	26.7	42.2	62.8	80.9	91.0	90.9	64.0
26	78.4	73.4	68.3	58.3	39.6	21.1	21.0	37.3	58.9	75.3	86.0	85.1	58.2
27	71.1	65.5	62.2	53.2	32.8	16.4	16.4	31.3	53.6	69.0	78.7	79.1	52.2
28	63.7	58.8	56.2	49.0	26.2	11.2	11.0	25.7	48.2	63.7	71.7	70.8	46.1
29	57.3	52.0	50.4	43.3	20.4	7.3	6.5	20.5	42.7	58.3	65.4	63.7	40.4
30	51.2	45.5	44.7	36.6	14.6	4.2	3.7	15.1	37.2	53.4	59.1	56.6	34.9
31	46.0	40.0	38.0	29.8	8.5	1.9	1.8	10.4	30.7	48.7	54.1	52.2	30.0
32	40.0	33.5	31.4	21.8	4.6	0.5	0.7	6.2	23.9	43.9	49.8	47.3	25.1
33	34.4	27.4	24.8	14.6	1.9	0.1	0.2	3.0	16.5	38.0	45.3	41.9	20.5
34	28.0	21.6	16.8	8.8	0.8	0.0	0.0	1.0	11.0	30.5	40.1	36.0	16.1
35	23.5	16.8	11.0	4.9	0.2	0.0	0.0	0.3	6.1	23.7	33.4	29.8	12.4
36	18.6	12.6	6.6	2.0	0.0	0.0	0.0	0.0	2.7	16.9	26.4	23.3	9.0
37	13.4	9.5	3.5	0.3	0.0	0.0	0.0	0.0	0.5	11.1	18.9	17.0	6.1
38	8.8	5.8	1.8	0.0	0.0	0.0	0.0	0.0	0.0	6.1	12.6	10.9	3.8
39	5.4	3.1	0.8	0.0	0.0	0.0	0.0	0.0	0.0	2.0	7.1	5.6	2.0
40	2.8	1.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.6	2.7	2.6	0.8
41	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.1	1.0	0.3
42	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.1
43	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
44	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NUMBER OF READINGS	2215	2067	2237	2243	2288	2287	2343	2329	2254	2348	2230	2322	27163

STATION:- HALLS CREEK M.O.

TABLE 16(c)

## PERCENTAGE FREQUENCY DISTRIBUTIONS OF RELATIVE HUMIDITIES

RELATIVE HUMIDITY (%)	MONTH												YEAR	CUMULATIVE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
3-4	0.0	0.1	0.0	0.1	0.0	0.0	0.5	0.2	0.8	1.5	1.2	0.5	0.4	99.5	0.1
5-6	0.2	0.4	0.1	0.4	0.0	0.0	0.8	1.3	2.1	3.1	2.3	1.2	1.0	98.5	0.5
7-8	0.8	0.5	0.2	1.0	0.1	0.3	1.5	1.5	2.6	2.9	1.9	1.2	1.2	97.3	1.5
9-10	0.8	0.7	0.4	1.0	0.7	1.0	2.2	2.8	4.5	3.2	2.1	1.3	1.7	95.6	2.7
11-12	1.1	0.9	0.5	1.9	1.1	1.1	3.0	5.2	7.0	3.7	3.4	2.5	2.6	92.9	4.4
13-14	1.6	1.0	1.3	3.4	1.8	1.6	3.8	5.3	5.9	4.4	3.7	1.8	3.0	89.9	7.1
15-16	2.0	1.7	1.7	3.0	2.6	2.6	3.8	5.5	6.6	6.6	4.8	2.4	3.6	86.3	10.1
17-18	2.1	1.6	1.9	4.1	4.1	2.8	4.7	6.0	5.3	5.5	5.2	3.0	3.9	82.4	13.7
19-20	2.2	2.0	1.7	3.9	4.3	4.5	5.5	7.2	6.1	5.8	4.8	3.1	4.3	78.1	17.6
21-22	2.4	1.6	2.7	3.9	5.6	5.1	4.8	5.6	6.4	5.2	4.9	3.0	4.3	73.8	21.9
23-24	2.6	1.9	2.5	4.4	5.5	5.6	5.2	6.4	5.8	4.5	4.5	3.0	4.4	69.5	26.2
25-26	2.3	2.0	2.8	3.8	5.1	5.6	5.9	5.7	5.2	4.3	5.0	3.5	4.3	65.2	30.5
27-28	2.9	1.7	2.6	4.1	5.0	6.3	5.4	5.3	5.0	4.8	4.6	3.2	4.3	60.9	34.8
29-30	2.8	2.2	3.1	4.4	4.5	4.7	5.8	4.8	4.5	3.5	3.9	4.0	4.0	56.8	39.1
31-35	6.8	6.2	7.8	9.9	10.8	12.2	10.9	10.4	7.5	8.6	8.1	9.2	9.1	47.8	43.2
36-40	6.2	5.4	7.7	9.8	9.0	10.9	8.5	7.6	6.3	6.9	6.3	7.4	7.7	40.1	52.2
41-45	5.8	7.1	6.6	7.9	8.7	8.4	7.1	6.4	5.1	5.4	6.3	6.5	6.8	33.3	59.9
46-50	7.9	6.1	6.4	6.8	8.8	6.5	6.8	4.0	3.7	4.8	5.7	7.3	6.2	27.1	66.7
51-55	6.0	6.7	7.2	5.6	5.6	5.9	4.3	2.4	2.1	3.6	4.7	6.2	5.0	22.1	72.9
56-60	6.5	7.0	6.4	5.1	4.4	4.3	3.7	2.2	2.3	3.0	3.5	6.1	4.5	17.6	77.9
61-65	5.8	5.8	5.5	3.7	3.2	3.6	1.7	0.8	1.2	1.8	3.4	5.3	3.5	14.1	82.4
66-70	4.9	5.2	5.1	2.8	1.8	2.4	0.9	1.0	0.5	1.1	2.6	4.1	2.7	11.5	85.9
71-72	1.9	2.0	1.7	0.9	1.1	0.7	0.6	0.2	0.6	0.7	0.9	1.2	1.0	10.4	88.5
73-74	2.1	2.2	1.5	0.9	0.6	0.6	0.2	0.3	0.3	0.4	0.9	1.3	0.9	9.5	89.6
75-76	2.0	2.0	2.2	0.7	0.7	0.7	0.2	0.2	0.2	0.4	0.9	1.4	1.0	8.5	90.5
77-78	2.1	2.8	2.4	1.0	0.5	0.3	0.2	0.2	0.2	0.3	0.4	1.4	1.0	7.6	91.5
79-80	1.7	1.8	1.4	0.7	0.3	0.7	0.2	0.3	0.3	0.4	0.8	1.0	0.8	6.8	92.4
81-82	2.5	2.4	1.6	0.4	0.5	0.3	0.1	0.2	0.3	0.7	0.3	1.1	0.9	5.9	93.2
83-84	1.4	1.5	1.7	0.8	0.5	0.2	0.0	0.1	0.1	0.5	0.5	1.0	0.7	5.3	94.1
85-86	2.1	2.1	2.0	0.5	0.3	0.1	0.2	0.2	0.4	0.3	0.1	1.1	0.8	4.5	94.7
87-88	1.8	2.2	1.3	0.4	0.5	0.3	0.3	0.3	0.1	0.3	0.4	1.0	0.7	3.8	95.5
89-90	1.8	1.9	2.2	0.4	0.6	0.3	0.2	0.1	0.2	0.3	0.3	1.0	0.8	3.0	96.2
91-92	2.1	2.6	2.4	0.4	0.3	0.1	0.3	0.1	0.3	0.6	0.4	0.9	0.8	2.2	97.0
93-94	1.4	1.5	1.6	0.4	0.5	0.2	0.3	0.0	0.0	0.2	0.3	0.6	0.6	1.6	97.8
95-96	2.3	4.5	2.5	0.9	0.4	0.0	0.1	0.1	0.2	0.3	0.4	0.6	1.0	0.6	98.4
97-98	0.9	1.8	0.7	0.5	0.3	0.2	0.0	0.0	0.2	0.2	0.2	0.5	0.5	0.1	99.4
NUMBER OF READINGS	2215	2067	2237	2243	2288	2287	2343	2329	2251	2348	2229	2322	27159		

STATION: - HALLS CREEK M.O.

TABLE 16(d)

## PERCENTAGE FREQUENCY DISTRIBUTION OF ABSOLUTE HUMIDITIES

DEW POINT (C)	VAPOUR PRESSURE (mbar)	MONTH												YEAR	CUMULATIVE	
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
-14	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
-13	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.4	0.0	0.0	0.0	0.1	99.9	0.0
-12	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.1	0.3	0.0	0.0	0.0	0.1	99.8	0.1
-11	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.3	0.6	0.2	0.1	0.0	0.1	99.7	0.2
-10	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.6	0.6	0.1	0.3	0.0	0.2	99.5	0.3
-9	3.1	0.0	0.1	0.0	0.2	0.1	1.1	4.0	2.2	2.5	2.3	1.3	0.5	1.2	98.3	0.5
-8	3.3	0.0	0.0	0.0	0.3	0.2	0.6	1.9	2.1	1.7	1.6	0.6	0.3	0.8	97.5	1.7
-7	3.6	0.0	0.1	0.1	0.2	0.1	1.0	4.1	2.3	1.6	1.3	0.6	0.3	1.0	96.6	2.5
-6	3.9	0.1	0.0	0.1	0.3	0.3	1.1	3.6	3.0	2.8	1.4	0.6	0.3	1.1	95.4	3.4
-5	4.3	0.0	0.0	0.0	0.1	0.4	1.3	2.6	2.8	1.5	0.9	0.4	0.3	0.9	94.6	4.6
-4	4.6	0.0	0.1	0.1	0.3	1.1	2.8	5.6	5.5	2.3	1.4	1.1	0.3	1.7	92.9	5.4
-3	4.9	0.2	0.3	0.0	1.1	1.7	3.6	4.3	4.8	3.1	1.9	1.3	0.3	1.9	91.0	7.1
-2	5.3	0.2	0.2	0.2	1.3	2.6	5.2	5.0	5.1	3.5	2.0	1.2	0.7	2.3	88.7	9.0
-1	5.7	0.3	0.3	0.1	1.9	2.7	5.6	5.0	5.7	4.8	2.6	1.2	0.8	2.6	86.2	11.3
0	6.2	0.5	0.0	0.2	1.4	2.7	3.5	5.3	5.9	4.9	1.7	1.2	0.5	2.3	83.9	13.8
1	6.7	0.3	0.3	0.2	2.8	3.7	7.0	5.7	6.0	5.0	2.3	1.4	1.3	3.0	80.8	16.1
2	7.1	0.7	0.7	0.7	3.4	6.5	7.7	5.8	6.7	4.7	2.3	2.0	0.9	3.5	77.3	19.2
3	7.7	0.6	0.8	0.6	4.3	5.9	9.3	6.0	6.1	5.0	2.7	1.7	1.3	3.7	73.6	22.7
4	8.2	1.0	0.5	1.1	5.0	8.0	8.0	5.8	5.7	5.0	3.8	2.4	1.2	4.0	69.7	26.4
5	8.7	0.8	0.7	0.8	3.1	4.6	4.9	3.9	3.7	2.5	3.0	1.3	0.6	2.5	67.2	30.3
6	9.4	1.4	1.2	1.6	4.7	8.4	6.3	4.8	4.9	4.5	3.7	2.6	1.6	3.8	63.3	32.8
7	10.0	1.1	1.0	2.0	5.7	8.0	6.1	4.7	4.3	4.2	4.7	3.0	2.0	3.9	59.4	36.7
8	10.7	2.2	1.5	2.8	4.9	6.9	5.5	3.7	4.1	4.1	5.3	3.8	2.1	3.9	55.4	40.6
9	11.5	1.6	1.4	2.8	5.3	5.7	3.8	3.0	3.4	4.4	5.3	5.1	1.9	3.7	51.8	44.6
10	12.3	1.6	1.5	2.4	4.2	4.0	2.5	3.1	1.7	4.5	4.6	4.6	2.4	3.1	48.7	48.2
11	13.1	2.5	2.6	4.5	6.3	4.1	2.7	3.2	2.5	4.9	5.7	4.8	2.8	3.9	44.8	51.3
12	14.0	2.9	2.0	4.1	7.0	3.5	2.5	2.8	3.2	5.2	5.6	6.3	3.7	4.1	40.7	55.2
13	15.0	3.1	2.1	5.5	6.2	3.2	2.5	1.8	2.8	4.7	6.0	7.4	4.1	4.1	36.6	59.3
14	16.0	3.2	3.9	4.7	5.8	3.5	1.9	0.8	1.9	3.5	5.5	5.4	5.9	3.8	32.7	63.4
15	17.1	2.8	2.6	3.8	3.6	1.4	0.8	0.4	1.2	2.3	4.0	4.6	5.3	2.8	30.0	67.3
16	18.2	5.8	5.6	6.2	4.0	2.7	1.1	0.5	0.9	1.8	4.4	7.6	6.6	4.0	26.0	70.0
17	19.4	6.5	5.6	6.1	3.7	3.1	0.8	0.4	0.2	0.8	4.2	7.3	9.4	4.0	22.0	74.0
18	20.6	9.0	6.4	7.1	2.9	1.9	0.7	0.3	0.1	0.8	3.6	5.9	9.5	4.0	18.0	78.0
19	22.0	10.3	10.1	8.6	3.0	1.6	0.2	0.0	0.0	1.0	2.1	5.7	9.9	4.4	13.6	82.0
20	23.4	8.7	7.7	6.3	2.7	0.6	0.0	0.0	0.0	0.1	2.0	3.4	7.3	3.2	10.4	86.4
21	24.9	12.7	13.7	10.5	2.9	0.2	0.0	0.0	0.0	0.2	0.9	1.8	8.5	4.2	6.1	89.6
22	26.4	12.3	16.0	10.3	1.3	0.1	0.0	0.0	0.0	0.0	0.4	1.4	4.7	3.8	2.3	93.9
23	28.1	6.5	9.4	5.5	0.2	0.0	0.0	0.0	0.0	0.0	0.3	0.2	2.5	2.0	0.3	97.7
24	29.8	0.9	1.3	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.0	99.7
NUMBER OF READINGS		2215	2067	2237	2243	2288	2287	2190	2181	2121	2348	2229	2322	26728		

NUMBER OF DEW POINTS GREATER THAN 38C 0  
 NUMBER OF DEW POINTS LESS THAN -15C 4

STATION: - HALLS CREEK M.O.

TABLE 16(e)

## DOUBLE CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION FOR TEMPERATURE AND RELATIVE HUMIDITY

## PERCENTAGE OF READINGS AT OR ABOVE GIVEN CONDITIONS

## RELATIVE HUMIDITY (%)

TEMPERATURE (C)	0	5	10	15	20	25	30	40	50	60	70	75	80	85	90	95	NUMBER OF READINGS
2	100.0	99.0	95.6	88.1	78.1	67.2	56.8	40.1	27.1	17.6	11.5	9.0	6.8	4.9	3.0	1.2	2
3	100.0	99.0	95.6	88.1	78.1	67.2	56.8	40.1	27.1	17.6	11.5	9.0	6.8	4.9	3.0	1.2	1
4	100.0	99.0	95.5	88.1	78.1	67.2	56.8	40.1	27.1	17.6	11.5	9.0	6.8	4.9	3.0	1.2	2
5	100.0	99.0	95.5	88.1	78.1	67.2	56.8	40.1	27.1	17.6	11.5	9.0	6.8	4.9	3.0	1.2	2
6	100.0	99.0	95.5	88.1	78.1	67.2	56.8	40.1	27.1	17.6	11.5	9.0	6.8	4.9	3.0	1.2	4
7	100.0	99.0	95.5	88.1	78.1	67.2	56.8	40.0	27.0	17.6	11.5	9.0	6.8	4.9	3.0	1.2	19
8	99.9	98.9	95.4	88.0	78.0	67.1	56.7	40.0	27.0	17.5	11.5	9.0	6.8	4.9	3.0	1.2	42
9	99.7	98.7	95.3	87.9	77.9	67.0	56.6	39.9	27.0	17.5	11.5	9.0	6.8	4.9	3.0	1.2	68
10	99.5	98.5	95.0	87.6	77.6	66.7	56.4	39.7	26.9	17.5	11.4	9.0	6.8	4.9	3.0	1.2	129
11	99.0	98.0	94.6	87.1	77.1	66.3	55.9	39.5	26.7	17.4	11.4	9.0	6.8	4.9	3.0	1.2	174
12	98.4	97.4	93.9	86.5	76.5	65.7	55.4	39.1	26.5	17.4	11.4	9.0	6.8	4.9	3.0	1.2	258
13	97.4	96.4	93.0	85.6	75.6	64.8	54.6	38.5	26.2	17.2	11.3	8.9	6.7	4.8	3.0	1.2	347
14	96.1	95.1	91.7	84.3	74.4	63.6	53.6	37.9	25.9	17.1	11.2	8.9	6.7	4.8	2.9	1.2	331
15	94.9	93.9	90.5	83.1	73.2	62.5	52.5	37.2	25.5	16.9	11.1	8.8	6.6	4.7	2.9	1.1	387
16	93.5	92.5	89.1	81.7	71.8	61.3	51.4	36.4	25.1	16.7	11.0	8.7	6.5	4.7	2.9	1.1	498
17	91.7	90.7	87.2	79.9	70.1	59.6	50.0	35.5	24.6	16.4	10.8	8.5	6.4	4.6	2.8	1.1	532
18	89.7	88.7	85.3	77.9	68.2	57.9	48.5	34.5	23.9	16.0	10.7	8.4	6.3	4.5	2.8	1.1	618
19	87.4	86.4	83.0	75.7	66.1	56.1	47.0	33.4	23.3	15.6	10.3	8.2	6.2	4.5	2.7	1.1	650
20	85.0	84.0	80.7	73.4	63.9	54.1	45.3	32.3	22.6	15.2	10.1	8.1	6.1	4.4	2.7	1.1	739
21	82.3	81.3	78.0	70.8	61.5	52.0	43.6	31.1	21.8	14.7	9.8	7.8	5.9	4.2	2.6	1.0	880
22	79.1	78.1	74.7	67.8	58.7	49.6	41.5	29.5	20.7	13.9	9.2	7.4	5.6	4.0	2.4	0.9	1135
23	74.9	73.9	70.7	63.9	55.1	46.5	38.7	27.4	19.1	12.7	8.2	6.5	4.8	3.3	1.9	0.7	1401
24	69.7	68.7	65.6	59.0	50.6	42.5	35.2	24.4	16.5	10.5	6.3	4.7	3.2	1.9	0.9	0.2	1556
25	64.0	63.0	59.9	53.7	45.7	38.1	31.2	21.0	13.6	8.0	4.1	2.8	1.5	0.6	0.2	0.0	1562
26	58.3	57.3	54.3	48.3	40.9	33.8	27.3	17.6	10.7	5.6	2.2	1.2	0.5	0.2	0.0	0.0	1639
27	52.2	51.3	48.4	42.7	35.9	29.3	23.3	14.4	8.1	3.6	1.0	0.4	0.1	0.0	0.0	0.0	1663
28	46.1	45.2	42.6	37.2	31.0	25.0	19.3	11.3	5.6	1.9	0.3	0.1	0.0	0.0	0.0	0.0	1551
29	40.4	39.5	37.1	32.2	26.5	20.9	15.8	8.6	3.7	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1480
30	34.9	34.1	31.9	27.3	22.2	17.1	12.6	6.2	2.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	1350
31	30.0	29.2	27.2	23.0	18.4	13.9	9.9	4.3	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1316
32	25.1	24.4	22.5	18.8	14.7	10.7	7.2	2.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1246
33	20.5	19.9	18.3	15.1	11.5	8.0	5.0	1.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1202
34	16.1	15.6	14.1	11.4	8.3	5.3	2.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1013
35	12.4	11.9	10.7	8.5	5.9	3.4	1.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	913
36	9.0	8.6	7.7	5.9	3.8	1.9	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	785
37	6.1	5.8	5.1	3.8	2.0	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	634
38	3.8	3.6	3.0	2.0	1.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	495
39	2.0	1.8	1.5	0.9	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	310
40	0.8	0.8	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	146
41	0.3	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59
42	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17
43	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4
44	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
NUMBER OF READINGS	272	932	2022	2716	2957	2826	4549	3535	2581	1659	656	611	513	514	495	325	27163

TABLE 17

STATION:- KALCOORIE M.O.

BUREAU OF METEOROLOGY NUMBER:- 12038

LATITUDE:- 30 47 E

LONGITUDE:- 121 27 S

ELEVATION:- 360m AMSL

PERIOD OF RECORD:- 1/11/1962 TO 31/12/1977

TABLE OF MISSING READINGS

TIME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0000	2	0	6	1	11	6	13	2	0	0	0	8	49
0300	1	2	6	5	13	17	13	2	1	1	2	8	71
0600	1	2	1	7	20	26	26	17	4	6	1	0	111
0900	0	1	0	0	3	8	3	0	0	1	0	0	16
1200	0	1	0	1	2	0	0	0	1	0	0	0	5
1500	2	0	0	0	1	0	1	0	0	0	0	0	4
1800	1	0	3	1	1	0	0	0	0	0	0	0	6
2100	438	400	439	424	438	424	411	413	398	417	425	438	5065
TOTAL	445	406	455	439	489	481	467	434	404	425	428	454	5327

STATION:- KALGOORIE M.O.

TABLE 17(a)

## PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURES

TEMPERATURE (C)	MONTH												CUMULATIVE		
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	ABOVE	BELOW
-2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
-1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	99.9	0.0
0	0.0	0.0	0.0	0.0	0.2	0.2	0.4	0.2	0.0	0.0	0.0	0.0	0.1	99.9	0.1
1	0.0	0.0	0.0	0.0	0.3	0.4	0.8	0.9	0.1	0.0	0.0	0.0	0.2	99.6	0.1
2	0.0	0.0	0.0	0.0	0.3	0.8	1.5	1.8	0.5	0.1	0.0	0.0	0.4	99.2	0.4
3	0.0	0.0	0.0	0.0	0.6	1.6	2.1	2.2	1.0	0.1	0.0	0.0	0.6	98.6	0.8
4	0.0	0.0	0.0	0.2	1.1	2.4	3.6	3.1	1.6	0.3	0.0	0.0	1.0	97.6	1.4
5	0.0	0.0	0.0	0.3	1.6	2.8	4.0	4.2	1.8	0.2	0.0	0.0	1.2	96.3	2.4
6	0.0	0.0	0.0	0.4	2.1	3.7	4.8	4.4	2.9	0.9	0.0	0.0	1.6	94.7	3.7
7	0.0	0.0	0.1	0.8	3.6	5.4	5.7	5.5	3.7	1.4	0.1	0.1	2.2	92.5	5.3
8	0.0	0.0	0.0	0.9	3.5	5.8	5.5	5.9	4.4	1.5	0.4	0.0	2.3	90.2	7.5
9	0.0	0.0	0.1	1.7	4.5	7.4	8.2	6.0	5.4	2.2	0.5	0.0	3.0	87.2	9.8
10	0.0	0.0	0.4	2.4	6.0	7.7	7.7	7.1	5.6	3.3	0.9	0.2	3.5	83.7	12.8
11	0.0	0.2	0.4	3.0	5.9	8.3	8.5	7.3	5.6	4.3	1.9	0.3	3.8	79.9	16.3
12	0.2	0.4	1.0	3.6	7.3	8.8	8.3	7.5	6.2	5.4	2.6	0.9	4.4	75.5	20.1
13	0.5	0.5	1.8	5.0	7.2	8.6	8.7	7.9	6.6	5.8	3.8	1.2	4.8	70.7	24.5
14	1.3	0.9	3.6	6.4	8.5	8.2	7.5	6.6	5.9	6.2	4.3	1.4	5.1	65.6	29.3
15	2.1	2.2	4.1	6.7	7.0	6.4	6.0	5.1	6.1	5.4	4.9	2.8	4.9	60.7	34.4
16	2.2	3.3	5.2	7.3	7.1	6.8	4.7	6.3	6.0	5.4	5.6	3.1	5.3	55.4	39.3
17	3.9	4.4	5.7	6.6	6.7	4.6	3.8	4.4	6.1	5.5	6.5	4.3	5.2	50.2	44.6
18	4.5	5.5	7.8	8.2	6.5	3.5	2.6	3.7	5.7	5.9	5.5	4.8	5.4	44.9	49.8
19	4.8	5.7	6.5	6.9	5.2	2.2	1.8	2.7	4.6	5.6	5.1	5.3	4.7	40.2	55.1
20	5.6	5.5	5.6	6.5	3.4	1.7	1.5	2.5	3.8	5.0	5.5	4.8	4.3	35.9	59.8
21	5.3	6.0	6.9	5.5	3.0	1.1	1.1	1.5	3.5	5.0	5.2	5.3	4.1	31.8	64.1
22	5.3	5.5	5.9	4.6	2.7	0.8	0.4	0.9	2.8	4.5	5.5	5.0	3.6	28.2	68.2
23	5.5	5.0	5.1	4.5	1.5	0.4	0.3	0.9	2.4	3.6	5.1	5.4	3.3	24.9	71.8
24	4.9	5.4	5.8	3.2	1.5	0.1	0.1	0.5	2.0	3.9	4.4	4.9	3.1	21.8	75.1
25	5.3	4.9	4.9	2.4	0.8	0.1	0.0	0.2	1.8	2.8	4.7	4.8	2.7	19.1	78.2
26	4.9	4.8	4.3	2.8	0.8	0.0	0.0	0.2	1.1	3.4	4.4	5.3	2.7	16.4	80.9
27	5.0	4.6	4.1	2.3	0.6	0.0	0.1	0.2	0.9	2.8	4.0	4.9	2.4	14.0	83.6
28	5.2	5.1	4.2	2.0	0.3	0.0	0.0	0.1	0.6	2.1	3.4	4.4	2.3	11.7	86.0
29	4.8	4.1	3.0	1.9	0.2	0.0	0.0	0.1	0.4	1.9	2.8	5.1	2.0	9.7	88.3
30	3.5	4.2	2.2	1.1	0.1	0.0	0.0	0.0	0.4	1.3	2.3	4.0	1.6	8.1	90.3
31	3.4	3.2	2.3	1.2	0.0	0.0	0.0	0.0	0.2	1.5	2.6	4.0	1.5	6.6	91.9
32	4.2	3.6	2.1	0.7	0.1	0.0	0.0	0.0	0.1	0.8	2.0	3.4	1.4	5.2	93.4
33	3.3	2.6	1.7	0.4	0.0	0.0	0.0	0.0	0.1	0.9	1.7	3.2	1.2	4.0	94.8
34	2.5	3.0	1.7	0.2	0.0	0.0	0.0	0.0	0.0	0.5	1.2	2.9	1.0	3.0	96.0
35	3.0	2.2	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.3	0.9	2.1	0.8	2.2	97.0
36	2.3	2.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.7	1.8	0.7	1.5	97.8
37	1.9	1.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.6	1.2	0.5	1.0	98.5
38	1.9	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.9	0.4	0.6	99.0
39	1.2	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.0	0.3	0.3	99.4
40	0.6	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	0.2	0.2	99.7
41	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.1	99.8
42	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	99.9
43	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	100.0
NUMBER OF READINGS	3275	2986	3265	3161	3231	3119	3253	3285	3196	3295	3172	3266	38504		

STATION: - KALGOORIE M.O.

TABLE 17(b)

CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURES  
PERCENTAGE OF READINGS AT OR ABOVE GIVEN TEMPERATURE

TEMPERATURE (C)	MONTH												YEAR
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
-2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
-1	100.0	100.0	100.0	100.0	100.0	100.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0
0	100.0	100.0	100.0	100.0	99.9	99.8	99.7	99.8	100.0	100.0	100.0	100.0	99.9
1	100.0	100.0	100.0	100.0	99.8	99.7	99.3	99.6	100.0	100.0	100.0	100.0	99.9
2	100.0	100.0	100.0	100.0	99.5	99.2	98.5	98.7	99.8	100.0	100.0	100.0	99.6
3	100.0	100.0	100.0	100.0	99.2	98.4	97.0	96.9	99.4	99.9	100.0	100.0	99.2
4	100.0	100.0	100.0	100.0	98.6	96.8	94.9	94.7	98.4	99.8	100.0	100.0	98.6
5	100.0	100.0	100.0	99.8	97.6	94.4	91.3	91.6	96.8	99.6	100.0	100.0	97.6
6	100.0	100.0	100.0	99.5	95.9	91.6	87.3	87.4	95.0	99.4	100.0	100.0	96.3
7	100.0	100.0	100.0	99.1	93.9	87.9	82.4	83.0	92.1	98.5	100.0	100.0	94.7
8	100.0	100.0	99.9	98.3	90.3	82.6	76.7	77.5	88.4	97.1	99.9	99.9	92.5
9	100.0	100.0	99.8	97.3	86.8	76.8	71.2	71.6	84.0	95.5	99.5	99.9	53.2
10	100.0	100.0	99.7	95.6	82.3	69.3	63.0	65.6	78.7	93.4	99.0	99.9	87.2
11	100.0	100.0	99.3	93.2	76.3	61.6	55.2	58.5	73.1	90.0	98.1	99.7	83.7
12	100.0	99.7	99.0	90.2	70.4	53.3	46.8	51.2	67.5	85.7	96.2	99.4	79.9
13	99.8	99.3	97.9	86.6	63.1	44.5	38.5	43.6	61.3	80.3	93.5	98.4	75.5
14	99.2	98.8	96.1	81.7	55.9	35.9	29.8	35.7	54.7	74.5	89.7	97.2	70.7
15	97.9	97.9	92.6	75.3	47.4	27.7	22.3	29.1	48.7	68.3	85.4	95.8	65.6
16	95.8	95.7	88.4	68.6	40.4	21.2	16.3	24.0	42.6	63.0	80.5	93.0	60.7
17	93.6	92.4	83.2	61.2	33.4	14.4	11.6	17.7	36.6	57.6	74.9	89.9	55.4
18	89.6	87.9	77.5	54.6	26.7	9.8	7.8	13.3	30.5	52.1	68.4	85.6	50.2
19	85.1	82.5	69.7	46.3	20.2	6.4	5.3	9.6	24.8	46.2	62.8	80.7	44.9
20	80.3	76.8	63.2	39.4	15.0	4.2	3.5	6.8	20.2	40.6	57.8	75.5	40.2
21	74.7	71.3	57.7	32.9	11.6	2.5	2.0	4.4	16.4	35.6	52.3	70.6	35.9
22	69.4	65.3	50.8	27.5	8.6	1.4	0.9	2.9	12.9	30.6	47.1	65.4	31.8
23	64.1	59.8	44.9	22.9	5.9	0.6	0.5	2.0	10.0	26.0	41.6	60.4	28.2
24	58.6	54.9	39.8	18.4	4.5	0.2	0.2	1.2	7.7	22.5	36.4	55.0	24.9
25	53.7	49.5	34.0	15.2	2.9	0.1	0.1	0.7	5.7	18.5	32.0	50.0	21.8
26	48.4	44.6	29.1	12.7	2.1	0.0	0.1	0.5	3.8	15.7	27.3	45.3	19.1
27	43.4	39.9	24.8	10.0	1.3	0.0	0.1	0.4	2.7	12.4	22.9	39.9	16.4
28	38.4	35.3	20.8	7.6	0.7	0.0	0.0	0.2	1.8	9.6	18.9	35.0	14.0
29	33.2	30.2	16.6	5.6	0.4	0.0	0.0	0.1	1.3	7.5	15.5	30.6	11.7
30	28.4	26.1	13.6	3.8	0.2	0.0	0.0	0.0	0.8	5.6	12.7	25.6	9.7
31	24.9	21.9	11.4	2.7	0.1	0.0	0.0	0.0	0.4	4.3	10.4	21.6	8.1
32	21.5	18.7	9.1	1.5	0.1	0.0	0.0	0.0	0.3	2.8	7.7	17.6	6.6
33	17.3	15.1	7.0	0.8	0.0	0.0	0.0	0.0	0.2	2.0	5.7	14.2	5.2
34	14.0	12.5	5.2	0.4	0.0	0.0	0.0	0.0	0.0	1.0	4.0	11.0	4.0
35	11.6	9.5	3.5	0.2	0.0	0.0	0.0	0.0	0.0	0.5	2.8	8.1	3.0
36	8.5	7.3	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.2	2.0	5.9	2.2
37	6.3	5.1	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.3	4.1	1.5
38	4.3	3.6	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.0	1.0
39	2.5	2.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	2.1	0.6
40	1.3	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.1	0.3
41	0.6	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.2
42	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1
43	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
44	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NUMBER OF READINGS	3275	2986	3265	3161	3231	3119	3253	3285	3196	3295	3172	3266	38504

STATION: - KALGOORIE M.O.

TABLE 17(c)

## PERCENTAGE FREQUENCY DISTRIBUTIONS OF RELATIVE HUMIDITIES

RELATIVE HUMIDITY (%)	MONTH												YEAR	CUMULATIVE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
3-4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	100.0	0.0
5-6	0.3	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.3	0.6	0.1	99.8	0.0
7-8	0.6	0.4	0.2	0.2	0.0	0.0	0.1	0.1	0.3	0.6	0.5	0.9	0.3	99.5	0.2
9-10	0.7	0.5	0.7	0.0	0.1	0.0	0.0	0.1	0.4	0.6	1.1	1.3	0.5	99.0	0.5
11-12	2.2	1.8	0.5	0.3	0.1	0.0	0.2	0.1	0.6	1.4	1.5	2.1	0.9	98.1	1.0
13-14	3.2	1.7	1.0	0.2	0.3	0.1	0.2	0.2	0.8	1.7	2.5	2.7	1.2	96.9	1.9
15-16	3.7	2.0	1.0	0.8	0.2	0.1	0.2	0.4	0.9	1.8	3.2	3.7	1.5	95.4	3.1
17-18	4.2	2.2	1.8	0.9	0.3	0.1	0.2	0.5	1.1	2.4	3.0	4.4	1.8	93.6	4.6
19-20	4.4	3.0	2.1	1.2	0.4	0.4	0.4	0.7	1.5	2.5	4.0	4.7	2.1	91.5	6.4
21-22	4.5	4.5	2.1	1.0	0.7	0.3	0.4	0.6	2.0	3.3	4.1	4.9	2.4	89.2	8.5
23-24	4.0	3.7	2.8	1.9	0.6	0.5	0.8	0.9	2.1	3.6	4.3	4.9	2.5	86.6	10.8
25-26	4.3	3.7	2.8	2.0	0.9	0.4	0.8	0.9	2.5	3.6	4.2	4.9	2.6	84.1	13.4
27-28	3.9	3.5	2.6	1.8	1.1	0.7	0.8	1.6	2.9	3.8	3.8	3.4	2.5	81.6	15.9
29-30	3.5	3.7	2.9	1.9	1.2	0.7	1.0	1.5	3.3	3.5	3.4	3.9	2.5	79.1	18.4
31-35	8.6	8.8	7.9	6.8	4.1	2.6	3.0	5.1	8.7	8.6	8.3	9.1	6.8	72.3	20.9
36-40	8.0	8.1	8.9	7.8	5.7	3.7	3.8	6.2	8.1	7.8	7.9	7.9	7.0	65.3	27.7
41-45	6.7	7.2	8.8	7.3	5.2	5.2	6.0	8.4	7.7	7.0	6.6	7.3	7.0	58.3	34.7
46-50	5.9	5.9	7.2	8.2	8.0	6.8	6.4	7.5	6.1	7.3	6.3	6.4	6.8	51.5	41.7
51-55	6.5	6.5	7.2	6.4	7.5	6.4	6.1	6.8	6.9	6.0	6.6	6.6	6.6	44.9	48.5
56-60	6.2	6.3	6.4	7.1	7.7	6.4	6.9	6.9	6.8	6.1	5.6	5.7	6.5	38.4	55.1
61-65	4.7	5.9	6.4	7.1	6.8	8.0	6.8	6.3	5.9	5.6	5.6	5.3	6.2	32.2	61.6
66-70	4.4	4.8	6.7	6.7	6.9	5.9	6.8	5.9	5.6	4.7	5.0	3.7	5.6	26.6	67.8
71-72	1.7	1.9	2.5	2.8	3.4	2.9	2.9	3.4	2.5	2.5	2.1	1.3	2.5	24.1	73.4
73-74	1.2	1.8	2.2	2.5	2.7	3.3	2.6	3.3	2.2	1.9	1.4	0.8	2.2	21.9	75.9
75-76	1.2	1.8	2.2	2.6	3.3	2.9	3.1	3.0	1.9	1.5	1.4	0.7	2.1	19.8	78.1
77-78	0.8	1.3	1.9	2.6	2.8	2.8	2.7	3.1	2.3	1.6	1.6	0.6	2.0	17.8	80.2
79-80	0.8	1.3	1.8	2.2	3.1	3.7	3.2	2.6	1.9	1.5	0.8	0.6	2.0	15.8	82.2
81-82	0.4	1.0	1.7	2.4	3.2	3.1	3.4	2.8	2.2	1.2	0.9	0.5	1.9	13.9	84.2
83-84	0.4	0.5	1.5	2.0	3.2	3.9	3.8	2.7	1.9	1.3	0.9	0.2	1.9	12.1	86.1
85-86	0.5	0.5	1.0	2.2	2.7	3.7	3.9	2.9	1.9	1.1	0.6	0.2	1.7	10.3	87.9
87-88	0.3	0.5	1.3	1.9	2.6	4.1	3.9	2.7	1.8	1.3	0.7	0.3	1.8	8.5	89.7
89-90	0.3	0.8	0.6	1.8	3.0	3.7	3.5	2.9	1.9	0.9	0.5	0.2	1.7	6.9	91.5
91-92	0.5	0.7	0.7	2.2	2.4	4.4	4.4	2.8	1.9	0.8	0.4	0.1	1.8	5.1	93.1
93-94	0.5	0.9	1.1	1.9	3.7	4.6	3.8	3.0	1.6	1.0	0.4	0.0	1.9	3.2	94.9
95-96	0.5	0.9	0.8	1.6	2.8	4.1	3.8	2.3	0.8	0.8	0.2	0.0	1.5	1.7	96.8
97-98	0.2	0.9	0.4	1.3	1.9	3.1	2.4	0.9	0.7	0.3	0.1	0.0	1.0	0.7	98.3
NUMBER OF READINGS	3275	2986	3265	3161	3231	3119	3253	3286	3196	3295	3172	3266	38505		

STATION: - KALGOORIE M.O.

TABLE 17(d)

DEW POINT (C)	VAPOUR PRESSURE (mbar)	PERCENTAGE FREQUENCY DISTRIBUTION OF ABSOLUTE HUMIDITIES												YEAR	CUMULATIVE	
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
-13	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
-12	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
-11	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
-10	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	100.0	0.0
-9	3.1	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.3	0.4	0.3	0.2	0.0	0.1	99.8	0.0
-8	3.3	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.1	0.2	0.4	0.2	0.1	0.1	99.7	0.2
-7	3.6	0.1	0.0	0.0	0.1	0.1	0.1	0.6	0.1	0.6	0.5	0.2	0.1	0.2	99.5	0.3
-6	3.9	0.1	0.1	0.0	0.2	0.2	0.2	0.6	0.5	0.7	0.6	0.6	0.2	0.3	99.2	0.5
-5	4.3	0.0	0.0	0.0	0.1	0.2	0.2	0.4	0.6	0.7	0.4	0.3	0.2	0.3	98.9	0.8
-4	4.6	0.2	0.1	0.1	0.1	0.3	0.3	1.8	1.0	1.5	1.5	0.9	0.3	0.7	98.3	1.1
-3	4.9	0.5	0.2	0.2	0.3	0.6	0.7	1.5	1.8	2.0	2.1	1.4	0.5	1.0	97.2	1.7
-2	5.3	0.9	0.4	0.6	0.6	0.9	1.7	2.9	2.9	3.5	3.2	1.9	1.3	1.7	95.5	2.8
-1	5.7	0.9	0.6	0.7	0.9	1.7	2.8	3.8	5.4	5.4	4.4	2.6	1.5	2.6	92.9	4.5
0	6.2	0.6	0.4	0.5	0.4	1.5	2.6	3.1	4.2	4.2	3.4	2.1	1.6	2.1	90.9	7.1
1	6.7	1.8	0.9	1.2	1.6	3.0	4.5	6.4	9.7	8.2	4.8	4.6	3.2	4.2	86.7	9.1
2	7.1	2.7	1.6	2.1	2.9	4.5	6.6	8.7	11.4	10.2	6.8	6.4	4.7	5.7	81.0	13.3
3	7.7	3.8	2.5	2.1	5.0	7.2	8.3	10.1	13.2	11.7	7.6	6.9	4.9	7.0	74.0	19.0
4	8.2	5.3	3.8	4.1	7.0	9.9	10.0	9.4	12.6	10.5	8.2	7.8	6.9	8.0	66.0	26.0
5	8.7	3.6	3.1	3.6	4.0	7.3	7.1	7.7	7.7	7.1	5.3	4.8		5.8	60.3	34.0
6	9.4	6.7	5.3	6.5	8.3	10.4	12.3	10.2	8.6	9.0	8.6	7.9	9.2	8.6	51.7	39.7
7	10.0	8.3	6.6	6.3	8.0	9.6	10.8	8.5	6.3	7.6	9.1	9.3	9.3	8.3	43.4	48.3
8	10.7	9.3	7.3	8.4	8.9	10.2	10.1	9.7	4.9	6.5	10.2	8.2	9.5	8.6	34.7	56.6
9	11.5	9.9	8.4	8.9	10.4	9.3	8.8	6.7	3.6	4.4	7.4	9.0	9.2	8.0	26.7	65.3
10	12.3	6.8	7.1	6.5	6.3	4.9	4.3	2.3	1.9	2.0	4.3	6.0	5.5	4.8	21.9	73.3
11	13.1	8.5	9.6	9.2	9.2	5.6	4.5	2.3	1.6	1.6	4.2	6.5	8.0	5.9	16.1	78.1
12	14.0	7.4	9.6	9.5	7.2	4.5	2.1	1.7	1.1	0.7	2.4	4.2	6.6	4.7	11.3	83.9
13	15.0	7.1	8.7	8.9	4.9	3.5	1.1	0.6	0.4	0.3	1.2	3.2	5.1	3.7	7.6	88.7
14	16.0	4.9	6.8	6.8	4.3	2.2	0.5	0.4	0.1	0.3	0.7	2.0	2.9	2.6	5.0	92.4
15	17.1	2.4	3.6	2.8	2.7	1.2	0.2	0.2	0.1	0.0	0.3	0.8	1.3	1.3	3.7	95.0
16	18.2	2.4	4.4	3.3	3.1	0.7	0.2	0.1	0.0	0.0	0.2	0.8	1.4	1.4	2.3	96.3
17	19.4	2.4	3.3	3.3	1.9	0.2	0.0	0.0	0.0	0.0	0.1	0.5	0.9	1.0	1.3	97.7
18	20.6	1.5	1.5	2.5	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.6	0.7	98.7
19	22.0	1.2	2.0	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.3	99.3
20	23.4	0.4	0.8	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	99.7
21	24.9	0.3	0.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	99.8
22	26.4	0.1	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	99.9
23	28.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
NUMBER OF READINGS		3275	2986	3265	3161	3231	3119	3253	3286	3196	3295	3172	3266	38505		

NUMBER OF DEW POINTS GREATER THAN 38C 0  
NUMBER OF DEW POINTS LESS THAN -15C 0

TABLE 17(e)

STATION:- KALGOORIE M.O.

## DOUBLE CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION FOR TEMPERATURE AND RELATIVE HUMIDITY

TEMPERATURE (C)	PERCENTAGE OF READINGS AT OR ABOVE GIVEN CONDITIONS																NUMBER OF READINGS
	RELATIVE HUMIDITY (%)																
	0	5	10	15	20	25	30	40	50	60	70	75	80	85	90	95	
-2	100.0	99.9	99.0	96.3	91.5	85.3	79.1	65.3	51.5	38.3	26.6	20.9	15.8	11.2	6.9	2.4	7
-1	100.0	99.9	99.0	96.3	91.5	85.3	79.0	65.2	51.5	38.3	26.6	20.9	15.8	11.2	6.8	2.4	14
0	99.9	99.9	99.0	96.2	91.5	85.3	79.0	65.2	51.4	38.3	26.5	20.8	15.8	11.2	6.8	2.4	31
1	99.9	99.8	98.9	96.1	91.4	85.2	78.9	65.1	51.3	38.2	26.4	20.7	15.7	11.1	6.8	2.3	84
2	99.6	99.6	98.7	95.9	91.2	85.0	78.7	64.9	51.1	38.0	26.2	20.5	15.5	10.9	6.7	2.3	160
3	99.2	99.1	98.3	95.5	90.7	84.6	78.3	64.5	50.7	37.6	25.8	20.2	15.2	10.6	6.5	2.2	243
4	98.6	98.5	97.6	94.9	90.1	83.9	77.7	63.9	50.1	37.0	25.2	19.6	14.7	10.2	6.2	2.1	395
5	97.6	97.5	96.6	93.8	89.1	82.9	76.6	62.8	49.1	36.0	24.3	18.7	13.9	9.6	5.8	2.0	479
6	96.3	96.2	95.4	92.6	87.8	81.7	75.4	61.6	47.8	34.8	23.2	17.8	13.0	9.0	5.4	1.9	621
7	94.7	94.6	93.8	91.0	86.2	80.0	73.8	60.0	46.3	33.3	21.9	16.6	12.2	8.4	5.0	1.8	852
8	92.5	92.4	91.5	88.8	84.0	77.8	71.6	57.8	44.1	31.2	20.2	15.2	11.0	7.6	4.5	1.6	900
9	90.2	90.1	89.2	86.4	81.7	75.5	69.2	55.5	41.9	29.1	18.5	13.7	9.9	6.9	4.1	1.5	1158
10	87.2	87.1	86.2	83.4	78.7	72.5	66.2	52.5	39.0	26.6	16.3	12.0	8.6	5.9	3.5	1.2	1333
11	83.7	83.6	82.7	80.0	75.2	69.0	62.8	49.1	35.9	23.8	14.3	10.3	7.3	5.0	3.0	1.0	1476
12	79.9	79.8	78.9	76.1	71.4	65.2	59.0	45.4	32.4	21.0	12.2	8.7	6.0	4.0	2.4	0.8	1682
13	75.5	75.4	74.5	71.8	67.0	60.8	54.6	41.2	28.8	18.1	10.2	7.1	4.8	3.3	2.0	0.7	1851
14	70.7	70.6	69.7	67.0	62.2	56.0	49.9	36.7	25.0	15.3	8.4	5.8	3.8	2.6	1.6	0.6	1959
15	65.6	65.5	64.6	61.9	57.1	51.0	44.9	32.1	21.2	12.6	6.7	4.6	3.0	2.1	1.2	0.5	1892
16	60.7	60.6	59.7	57.0	52.2	46.1	40.1	27.8	17.7	10.2	5.4	3.7	2.4	1.6	1.0	0.3	2025
17	55.4	55.3	54.5	51.7	47.0	41.0	35.1	23.4	14.4	8.0	4.1	2.8	1.9	1.3	0.8	0.3	2007
18	50.2	50.1	49.3	46.5	41.8	35.9	30.2	19.3	11.4	6.0	3.1	2.1	1.4	0.9	0.6	0.2	2062
19	44.9	44.8	43.9	41.1	36.5	30.7	25.3	15.4	8.6	4.3	2.1	1.4	0.9	0.6	0.4	0.1	1807
20	40.2	40.1	39.2	36.5	31.9	26.2	21.1	12.1	6.3	3.0	1.4	0.9	0.6	0.4	0.2	0.1	1642
21	35.9	35.8	34.9	32.2	27.7	22.3	17.5	9.3	4.5	2.0	0.9	0.6	0.3	0.2	0.1	0.0	1579
22	31.8	31.7	30.9	28.2	23.7	18.5	14.0	6.9	3.0	1.3	0.5	0.3	0.2	0.1	0.1	0.0	1404
23	28.2	28.1	27.2	24.6	20.2	15.3	11.3	5.0	2.0	0.7	0.3	0.1	0.1	0.0	0.0	0.0	1271
24	24.9	24.8	23.9	21.3	17.1	12.6	8.9	3.6	1.2	0.4	0.1	0.1	0.0	0.0	0.0	0.0	1178
25	21.8	21.7	20.9	18.3	14.4	10.1	6.9	2.5	0.8	0.3	0.1	0.0	0.0	0.0	0.0	0.0	1050
26	19.1	19.0	18.1	15.7	11.9	8.1	5.2	1.7	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1023
27	16.4	16.3	15.5	13.1	9.6	6.2	3.9	1.1	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	938
28	14.0	13.9	13.1	10.8	7.6	4.7	2.8	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	874
29	11.7	11.6	10.8	8.7	5.8	3.3	1.8	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	776
30	9.7	9.6	8.8	6.9	4.4	2.3	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	614
31	8.1	8.0	7.3	5.4	3.2	1.6	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	588
32	6.6	6.5	5.8	4.2	2.3	1.1	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	541
33	5.2	5.1	4.5	3.0	1.5	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	451
34	4.0	3.9	3.4	2.1	1.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	384
35	3.0	2.9	2.4	1.4	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	313
36	2.2	2.1	1.7	0.9	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	251
37	1.5	1.5	1.1	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	192
38	1.0	1.0	0.7	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	146
39	0.6	0.6	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	120
40	0.3	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	70
41	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34
42	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19
43	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6
44	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
NUMBER OF READINGS	31	338	1066	1835	2380	2414	5311	5307	5055	4533	2195	1944	1784	1670	1722	919	38504

TABLE 18

STATION:- LONGREACH M.O.

BUREAU OF METEOROLOGY NUMBER:- 36031

LATITUDE:- 23 26 E

LONGITUDE:- 144 16 S

ELEVATION:- 191m AMSL

PERIOD OF RECORD:- 2/ 3/1966 TO 21/12/1977

TABLE OF MISSING READINGS

TIME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0000	301	275	330	336	354	344	352	352	337	355	338	332	4006
0300	161	118	139	165	179	183	218	168	161	160	146	130	1928
0600	140	115	135	162	176	179	196	147	155	156	142	122	1825
0900	22	4	2	0	4	1	0	1	0	1	2	3	40
1200	26	19	18	24	28	50	37	21	21	22	33	21	320
1500	45	21	32	50	50	28	33	23	48	45	45	49	469
1800	136	112	146	181	185	161	203	156	157	169	171	159	1936
2100	233	208	247	280	309	284	304	299	268	285	241	242	3200
TOTAL	1064	872	1049	1198	1285	1230	1343	1167	1147	1193	1118	1058	13724

STATION: - LONGREACH M.O.

TABLE 18(a)

## PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURES

TEMPERATURE (C)	MONTH												CUMULATIVE		
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	ABOVE	BELOW
0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	100.0	0.0
1	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.1	0.0	0.0	0.0	0.0	0.1	99.9	0.0
2	0.0	0.0	0.0	0.0	0.0	0.5	1.5	0.6	0.0	0.0	0.0	0.0	0.2	99.7	0.1
3	0.0	0.0	0.0	0.0	0.1	0.4	0.9	1.0	0.1	0.0	0.0	0.0	0.2	99.5	0.3
4	0.0	0.0	0.0	0.0	0.0	1.1	1.7	1.2	0.1	0.0	0.0	0.0	0.3	99.1	0.5
5	0.0	0.0	0.0	0.0	0.3	1.1	1.6	1.3	0.5	0.0	0.0	0.0	0.4	98.7	0.9
6	0.0	0.0	0.0	0.0	0.9	2.0	1.9	1.9	0.7	0.0	0.0	0.0	0.6	98.1	1.3
7	0.0	0.0	0.0	0.1	0.6	2.4	2.2	1.7	1.0	0.1	0.0	0.0	0.7	97.4	1.9
8	0.0	0.0	0.0	0.1	1.0	2.6	2.6	1.5	1.7	0.2	0.0	0.0	0.8	96.6	2.6
9	0.0	0.0	0.0	0.1	1.2	2.8	3.7	2.4	1.4	0.4	0.0	0.0	1.0	95.6	3.4
10	0.0	0.0	0.1	0.2	2.3	3.7	4.7	2.9	1.9	0.5	0.0	0.0	1.4	94.2	4.4
11	0.0	0.0	0.1	0.6	2.3	4.1	2.6	2.4	1.6	0.2	0.1	0.0	1.2	93.0	5.8
12	0.0	0.0	0.1	0.3	4.1	5.4	4.8	2.7	1.5	0.6	0.3	0.0	1.7	91.4	7.0
13	0.1	0.0	0.1	0.7	3.9	4.7	3.9	4.1	2.0	0.8	0.5	0.0	1.7	89.6	8.6
14	0.0	0.0	0.2	1.9	4.0	5.7	3.7	4.5	2.5	1.1	0.3	0.0	2.0	87.6	10.4
15	0.3	0.0	0.6	3.3	4.9	4.7	3.8	3.9	2.8	1.3	0.7	0.0	2.2	85.4	12.4
16	0.2	0.1	0.5	3.2	3.5	4.8	4.9	3.8	2.8	2.6	1.5	0.1	2.4	83.0	14.6
17	0.1	0.1	1.3	3.0	5.9	4.4	5.8	4.9	3.7	2.4	1.6	0.4	2.8	80.2	17.0
18	0.6	0.4	1.5	4.0	5.4	5.5	5.2	5.2	4.3	3.4	2.0	0.6	3.2	77.0	19.8
19	0.5	0.8	2.7	3.6	4.5	4.5	5.1	4.3	4.3	3.3	2.2	1.3	3.1	73.9	23.0
20	1.1	1.7	3.4	4.5	5.5	5.1	4.3	5.0	4.5	3.1	3.3	2.7	3.7	70.2	26.1
21	3.5	3.5	4.9	4.4	5.7	5.6	5.0	4.9	5.6	3.2	3.4	2.9	4.4	65.8	29.8
22	3.2	3.7	5.0	4.9	5.8	5.8	5.9	4.9	4.6	3.8	2.5	5.0	4.6	61.2	34.2
23	4.5	6.0	4.6	5.0	5.0	7.2	6.5	5.5	4.8	5.0	2.7	5.4	5.2	56.0	38.8
24	6.5	7.8	5.1	5.8	4.9	5.3	5.5	5.2	5.9	4.4	3.9	4.4	5.3	50.7	44.0
25	6.1	5.0	5.0	5.6	5.8	4.2	5.4	5.3	5.0	5.3	3.3	3.3	4.9	45.8	49.3
26	5.4	6.5	6.5	5.2	5.7	3.1	2.7	6.1	5.6	5.0	4.3	4.7	5.0	40.7	54.2
27	5.9	6.4	5.4	4.6	7.4	1.8	2.2	4.3	5.2	5.4	3.8	3.6	4.6	36.1	59.3
28	5.4	7.2	5.7	7.5	4.9	0.8	0.7	3.6	5.8	4.3	5.4	5.4	4.7	31.4	63.9
29	6.3	5.8	5.7	6.6	2.7	0.2	0.4	1.8	5.6	5.3	4.7	4.9	4.1	27.3	68.6
30	6.0	4.7	5.4	8.3	1.2	0.0	0.4	2.1	4.3	5.5	6.0	4.4	4.0	23.3	72.7
31	5.1	6.4	6.9	5.5	0.6	0.0	0.0	0.4	3.8	6.6	4.9	4.8	3.7	19.5	76.7
32	6.6	7.2	7.9	4.9	0.1	0.0	0.0	0.4	2.6	6.5	6.4	6.4	4.0	15.5	80.5
33	5.1	7.5	6.8	3.3	0.0	0.0	0.0	0.4	2.1	5.5	6.0	5.2	3.4	12.0	84.5
34	5.4	6.2	6.4	1.3	0.0	0.0	0.0	0.0	0.7	4.4	7.4	5.2	3.1	9.0	88.0
35	4.2	4.2	4.2	1.1	0.0	0.0	0.0	0.1	0.6	3.3	5.6	5.3	2.4	6.6	91.0
36	4.7	3.0	2.2	0.5	0.0	0.0	0.0	0.1	0.3	2.6	4.6	5.9	2.0	4.6	93.4
37	3.9	2.6	1.3	0.1	0.0	0.0	0.0	0.0	0.2	1.8	4.0	5.1	1.6	3.1	95.4
38	3.3	1.7	0.5	0.1	0.0	0.0	0.0	0.0	0.1	1.2	3.5	4.7	1.2	1.9	96.9
39	3.2	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.5	2.3	3.4	0.9	1.0	98.1
40	1.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.5	2.4	0.5	0.5	99.0
41	0.9	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.8	1.2	0.3	0.2	99.5
42	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.8	0.1	0.1	99.8
43	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	99.9
44	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.0	0.0	100.0
NUMBER OF READINGS	1344	1328	1591	1490	1547	1522	1473	1649	1549	1647	1586	1598	18324		

STATION: - LONGREACH M.O.

TABLE 18(b)

CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURES

TEMPERATURE (C)	PERCENTAGE OF READINGS AT OR ABOVE GIVEN TEMPERATURE												YEAR
	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
0	100.0	100.0	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0
1	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0
2	100.0	100.0	100.0	100.0	100.0	100.0	99.7	99.3	99.8	100.0	100.0	100.0	99.9
3	100.0	100.0	100.0	100.0	100.0	100.0	99.1	97.8	99.2	100.0	100.0	100.0	99.7
4	100.0	100.0	100.0	100.0	99.9	98.8	96.9	98.2	99.9	100.0	100.0	100.0	99.5
5	100.0	100.0	100.0	100.0	99.9	97.6	95.2	97.1	99.7	100.0	100.0	100.0	99.1
6	100.0	100.0	100.0	100.0	99.6	96.6	93.7	95.8	99.3	100.0	100.0	100.0	98.7
7	100.0	100.0	100.0	100.0	98.7	94.5	91.8	93.8	98.6	100.0	100.0	100.0	98.1
8	100.0	100.0	100.0	99.9	98.1	92.1	89.6	92.1	97.6	99.9	100.0	100.0	97.4
9	100.0	100.0	100.0	99.8	97.2	89.6	87.0	90.6	95.9	99.6	100.0	100.0	96.6
10	100.0	100.0	100.0	99.7	95.9	86.7	83.2	88.2	94.5	99.2	100.0	100.0	95.6
11	100.0	100.0	99.9	99.5	93.7	83.0	78.5	85.4	92.6	98.7	100.0	100.0	94.2
12	100.0	100.0	99.9	98.9	91.4	78.9	75.9	83.0	91.0	98.5	99.9	100.0	93.0
13	100.0	100.0	99.8	98.5	87.3	73.5	71.1	80.4	89.5	97.9	99.6	100.0	91.4
14	99.9	100.0	99.7	97.9	83.5	68.8	67.3	76.3	87.5	97.1	99.1	100.0	89.6
15	99.9	100.0	99.6	96.0	79.4	63.1	63.6	71.7	85.0	96.0	98.8	100.0	87.6
16	99.6	100.0	98.9	92.7	74.5	58.3	59.8	67.9	82.2	94.7	98.1	100.0	85.4
17	99.4	99.9	98.4	89.5	71.0	53.5	54.9	64.0	79.4	92.0	96.7	99.9	83.0
18	99.3	99.8	97.1	86.5	65.2	49.1	49.2	59.2	75.7	89.7	95.1	99.5	80.2
19	98.7	99.5	95.6	82.6	59.8	43.6	44.0	54.0	71.5	86.3	93.1	98.9	77.0
20	98.1	98.7	92.9	78.9	55.3	39.2	38.9	49.7	67.2	83.0	90.9	97.7	73.9
21	97.0	97.1	89.5	74.4	49.8	34.0	34.6	44.8	62.7	79.9	87.5	95.0	70.2
22	93.5	93.5	84.6	70.1	44.1	28.4	29.7	39.9	57.1	76.7	84.1	92.1	65.8
23	90.3	89.8	79.6	65.2	38.3	22.6	23.8	35.1	52.6	72.9	81.7	87.0	61.2
24	85.8	83.8	75.0	60.2	33.3	15.4	17.2	29.6	47.7	67.9	78.9	81.7	56.0
25	79.3	76.0	69.9	54.4	28.4	10.1	11.7	24.4	41.8	63.6	75.0	77.2	50.7
26	73.2	71.0	64.9	48.9	22.6	5.9	6.4	19.1	36.9	58.2	71.8	74.0	45.8
27	67.9	64.5	58.5	43.7	16.9	2.8	3.7	13.0	31.2	53.2	67.5	69.3	40.7
28	62.0	58.1	53.0	39.1	9.5	1.0	1.5	8.7	26.1	47.8	63.6	65.7	36.1
29	56.6	51.0	47.3	31.6	4.6	0.2	0.8	5.2	20.3	43.6	58.3	60.3	31.4
30	50.3	45.2	41.7	25.0	1.9	0.0	0.4	3.4	14.7	38.3	53.5	55.4	27.3
31	44.3	40.5	36.3	16.8	0.6	0.0	0.0	1.3	10.4	32.8	47.5	50.9	23.3
32	39.3	34.1	29.4	11.3	0.1	0.0	0.0	0.8	6.6	26.2	42.7	46.1	19.5
33	32.7	27.0	21.5	6.4	0.0	0.0	0.0	0.5	4.0	19.7	36.3	39.7	15.5
34	27.5	19.5	14.7	3.1	0.0	0.0	0.0	0.1	1.9	14.1	30.3	34.5	12.0
35	22.2	13.3	8.3	1.7	0.0	0.0	0.0	0.1	1.2	9.7	22.9	29.3	9.0
36	17.9	9.1	4.1	0.7	0.0	0.0	0.0	0.1	0.6	6.4	17.3	24.1	6.6
37	13.2	6.1	1.9	0.2	0.0	0.0	0.0	0.0	0.3	3.9	12.7	18.1	4.6
38	9.4	3.5	0.6	0.1	0.0	0.0	0.0	0.0	0.1	2.1	8.6	13.1	3.1
39	6.1	1.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.9	5.2	8.4	1.9
40	2.9	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.4	2.8	4.9	1.0
41	1.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.4	2.6	0.5
42	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.3	0.2
43	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.6	0.1
44	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.0
45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
NUMBER OF READINGS	1344	1328	1591	1490	1547	1522	1473	1649	1549	1647	1586	1598	19324

STATION: - LONGREACH M.O.

TABLE 18(c)

PERCENTAGE FREQUENCY DISTRIBUTIONS OF RELATIVE HUMIDITIES

RELATIVE HUMIDITY (%)	MONTH												YEAR	CUMULATIVE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
3-4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.6	0.6	0.1	99.8	0.0
5-6	0.3	0.1	0.0	0.0	0.1	0.0	0.1	0.4	0.6	1.0	1.8	1.3	0.5	99.4	0.2
7-8	0.7	0.2	0.4	0.1	0.0	0.1	0.3	0.7	1.5	2.1	4.4	2.9	1.1	98.2	0.6
9-10	0.8	0.3	0.4	0.1	0.3	0.1	0.5	1.1	3.0	3.0	5.7	3.6	1.6	96.6	1.8
11-12	1.2	0.2	0.7	0.3	0.3	0.4	1.3	1.8	3.4	4.3	6.6	3.7	2.1	94.5	3.4
13-14	1.7	0.3	0.6	0.8	0.7	0.6	1.4	3.6	4.8	5.8	6.6	4.3	2.7	91.8	5.5
15-16	1.6	0.5	0.5	2.1	1.3	0.9	1.8	4.6	4.3	5.4	5.5	4.4	2.8	89.0	8.2
17-18	2.2	0.5	0.8	1.5	1.4	1.3	2.4	5.2	5.2	6.2	6.0	4.2	3.2	85.8	11.0
19-20	3.2	1.5	1.8	2.0	2.5	1.3	3.2	5.2	5.7	6.3	5.4	4.4	3.6	82.2	14.2
21-22	3.0	1.9	2.1	3.3	1.9	1.6	4.3	5.5	6.8	4.9	4.9	3.5	3.7	78.5	17.8
23-24	2.9	1.9	1.9	3.2	2.4	3.0	3.5	4.4	5.9	4.1	4.6	2.9	3.4	75.1	21.5
25-26	3.5	2.3	2.6	4.2	2.7	3.2	4.2	4.5	5.4	4.2	4.6	3.6	3.8	71.4	24.9
27-28	2.7	2.0	3.3	4.4	3.6	3.2	3.9	4.5	4.5	4.7	2.9	2.9	3.6	67.8	28.6
29-30	2.9	2.3	2.8	5.0	3.4	3.6	3.7	3.4	4.8	3.7	3.4	3.8	3.6	64.2	32.2
31-35	7.4	6.9	9.1	12.0	10.7	10.7	10.4	10.9	9.0	8.6	7.8	7.1	9.2	55.0	35.8
36-40	7.2	7.3	9.5	9.6	9.2	10.8	9.0	7.7	7.8	7.8	6.0	5.8	8.1	46.8	45.0
41-45	6.5	8.6	6.9	7.7	8.4	8.7	7.5	7.0	6.2	6.9	5.7	5.7	7.1	39.7	53.2
46-50	6.8	7.6	7.4	6.8	7.8	7.6	6.9	6.3	4.9	5.0	3.8	5.1	6.3	33.4	60.3
51-55	6.0	7.5	8.1	6.5	7.1	6.1	4.6	5.3	4.4	3.8	2.9	4.6	5.5	27.9	66.6
56-60	5.3	7.0	6.2	5.4	5.3	5.5	6.3	4.6	3.4	2.7	2.5	3.1	4.7	23.2	72.1
61-65	5.1	6.3	6.4	5.4	4.5	5.7	4.6	3.7	2.1	2.1	1.1	3.8	4.2	19.0	76.8
66-70	3.6	4.9	4.7	3.4	4.9	5.3	4.4	2.2	1.7	1.7	1.6	3.8	3.5	15.5	81.0
71-72	1.1	2.3	2.2	0.8	1.1	2.4	1.5	1.0	0.4	0.4	0.4	1.7	1.3	14.3	84.5
73-74	2.1	2.3	1.5	1.4	1.3	1.8	1.4	1.0	0.6	0.1	0.3	0.8	1.2	13.1	85.7
75-76	1.1	1.6	1.3	1.4	1.7	2.0	1.4	0.6	0.5	0.3	0.6	0.8	1.1	12.0	86.9
77-78	1.6	2.0	2.1	1.3	1.0	1.4	0.9	0.6	0.2	0.5	0.5	0.6	1.0	11.0	88.0
79-80	1.4	1.7	1.6	1.4	1.7	1.6	1.2	0.4	0.3	0.5	0.4	1.2	1.1	9.9	89.0
81-82	1.5	1.6	1.6	1.1	1.6	1.2	1.5	0.7	0.2	0.2	0.2	0.7	1.0	8.9	90.1
83-84	1.3	2.0	1.8	1.4	1.2	1.4	1.6	0.2	0.4	0.3	0.2	0.8	1.0	7.9	91.1
85-86	1.9	2.4	1.1	1.4	1.6	1.8	1.2	0.4	0.5	0.4	0.4	0.4	1.1	6.8	92.1
87-88	1.9	1.7	1.8	1.4	1.0	1.6	1.0	0.3	0.1	0.4	0.6	1.1	1.1	5.7	93.2
89-90	2.4	2.3	1.2	0.9	1.7	1.3	1.2	0.6	0.3	0.3	0.3	1.7	1.1	4.6	94.3
91-92	1.7	2.0	1.1	1.3	1.6	1.2	0.8	0.1	0.6	0.5	0.3	1.1	1.0	3.6	95.4
93-94	2.3	2.4	2.1	0.7	2.1	1.1	1.2	1.0	0.1	0.2	0.5	1.3	1.2	2.4	96.4
95-96	3.1	3.7	2.7	0.9	1.4	0.8	0.5	0.1	0.6	0.7	0.4	2.3	1.4	1.0	97.6
97-98	1.9	1.9	1.3	0.5	2.1	0.4	0.4	0.2	0.1	0.3	0.4	0.6	0.8	0.2	99.0
NUMBER OF READINGS	1344	1328	1591	1490	1547	1521	1473	1648	1548	1647	1586	1598	18321		

STATION: - LONGREACH M.O.

TABLE 18(d)

## PERCENTAGE FREQUENCY DISTRIBUTION OF ABSOLUTE HUMIDITIES

DEW POINT (C)	VAPOUR PRESSURE (mbar)	MONTH												YEAR	CUMULATIVE	
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
-14	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	100.0	0.0
-13	2.3	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.3	0.1	0.0	0.0	0.0	99.9	0.0
-12	2.5	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.0	99.9	0.1
-11	2.7	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.1	0.2	0.0	0.1	99.8	0.1
-10	2.9	0.0	0.0	0.0	0.0	0.0	0.3	0.5	0.4	0.3	0.3	0.1	0.1	0.2	99.6	0.2
-9	3.1	0.2	0.0	0.0	0.0	0.4	0.5	2.7	2.4	4.1	1.2	1.5	0.7	1.2	98.5	0.4
-8	3.3	0.0	0.1	0.0	0.0	0.4	0.5	1.4	2.1	2.6	0.7	0.9	0.8	0.8	97.6	1.5
-7	3.6	0.1	0.0	0.0	0.0	0.4	0.5	2.2	2.5	2.8	1.0	1.0	0.6	1.0	96.7	2.4
-6	3.9	0.1	0.0	0.1	0.0	0.7	1.5	2.8	3.6	3.1	1.3	1.2	0.7	1.3	95.4	3.3
-5	4.3	0.1	0.0	0.1	0.1	0.4	0.7	2.3	4.1	3.6	1.5	1.3	0.4	1.3	94.1	4.6
-4	4.6	0.1	0.0	0.1	0.2	0.4	1.2	4.6	6.3	3.9	2.5	3.3	1.3	2.1	92.1	5.9
-3	4.9	0.5	0.2	0.5	0.3	1.4	2.9	5.6	5.7	4.7	2.6	3.0	0.9	2.4	89.7	7.9
-2	5.3	0.7	0.2	0.4	0.3	2.0	2.4	7.1	7.3	4.1	4.2	3.1	1.6	2.9	86.8	10.3
-1	5.7	0.5	0.1	0.2	0.7	2.5	3.7	5.7	6.1	3.6	3.2	3.5	1.3	2.7	84.2	13.2
0	6.2	0.8	0.2	0.8	0.7	2.2	3.6	3.9	4.3	4.3	3.5	3.7	1.1	2.5	81.7	15.8
1	6.7	1.1	0.1	1.0	1.5	3.6	6.3	4.6	7.0	5.4	4.3	3.9	0.8	3.4	78.3	18.3
2	7.1	1.0	0.2	0.6	2.6	3.8	6.7	4.3	6.1	5.0	4.3	4.7	1.8	3.5	74.8	21.7
3	7.7	1.0	0.2	0.5	2.8	4.1	7.2	4.8	5.2	5.4	4.6	3.3	1.7	3.5	71.3	25.2
4	8.2	0.5	0.4	0.6	3.7	6.1	7.7	3.8	4.6	4.3	5.0	4.9	2.1	3.7	67.6	28.7
5	8.7	0.6	0.3	0.2	3.8	4.7	5.9	4.8	3.4	4.4	4.5	3.5	1.7	3.2	64.4	32.4
6	9.4	0.9	0.2	1.3	3.2	5.6	7.8	5.2	4.2	4.1	5.2	4.3	2.6	3.8	60.6	35.6
7	10.0	0.8	1.1	1.2	4.7	6.4	8.7	5.5	3.0	4.5	5.0	3.9	3.5	4.1	56.5	39.4
8	10.7	2.4	0.9	2.1	5.2	7.6	8.5	5.2	3.6	4.9	5.3	4.0	2.4	4.4	52.1	43.5
9	11.5	2.1	1.2	2.4	5.8	8.0	5.0	5.4	3.8	3.9	6.0	4.5	4.4	4.4	47.7	47.9
10	12.3	2.1	1.4	1.9	6.0	5.2	3.7	4.1	2.7	3.3	3.5	3.7	3.6	3.5	44.2	52.3
11	13.1	2.8	2.2	3.5	7.1	5.5	3.9	4.4	2.7	4.0	5.5	5.6	3.8	4.3	40.0	55.8
12	14.0	3.6	2.6	4.5	9.2	5.8	3.5	3.4	2.5	3.7	4.6	3.8	4.1	4.3	35.7	60.0
13	15.0	5.1	4.1	5.5	9.3	4.7	2.6	2.6	2.1	3.0	4.9	4.3	4.8	4.4	31.3	64.3
14	16.0	5.2	4.4	6.3	10.0	5.3	2.1	1.9	1.4	2.1	4.3	4.7	6.2	4.5	26.8	68.7
15	17.1	4.8	5.3	8.0	5.7	4.1	1.0	0.7	1.0	0.8	2.3	3.6	4.7	3.5	23.4	73.2
16	18.2	6.6	8.0	9.7	6.4	4.1	0.6	0.3	1.0	1.0	2.7	4.4	6.4	4.2	19.2	76.6
17	19.4	7.7	8.0	9.4	4.4	2.2	0.4	0.1	0.4	1.0	2.2	2.9	6.6	3.7	15.5	80.8
18	20.6	8.1	10.0	9.8	2.9	1.6	0.3	0.0	0.0	0.6	1.8	2.6	5.7	3.5	12.0	84.5
19	22.0	7.7	10.6	7.9	2.1	0.8	0.1	0.0	0.1	0.5	1.0	1.4	6.8	3.1	8.9	88.0
20	23.4	8.6	8.2	8.9	0.8	0.0	0.0	0.0	0.0	0.2	0.4	1.6	4.4	2.6	6.3	91.1
21	24.9	7.9	10.1	6.7	0.2	0.1	0.0	0.0	0.0	0.1	0.1	1.1	5.6	2.5	3.8	93.7
22	26.4	6.3	8.9	3.0	0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.2	3.9	1.7	2.0	96.2
23	28.1	5.2	8.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	2.0	1.3	0.7	98.0
24	29.8	3.8	2.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.6	0.1	99.3
25	31.7	0.9	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	99.9
NUMBER OF READINGS		1344	1328	1591	1490	1547	1521	1473	1648	1548	1647	1499	1495	18131		

NUMBER OF DEW POINTS GREATER THAN 38C 0  
NUMBER OF DEW POINTS LESS THAN -15C 3

TABLE 18(e)

STATION: - LONGREACH M.O.

## DOUBLE CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION FOR TEMPERATURE AND RELATIVE HUMIDITY

TEMPERATURE (C)	PERCENTAGE OF READINGS AT OR ABOVE GIVEN CONDITIONS																NUMBER OF READINGS
	RELATIVE HUMIDITY (%)																
	0	5	10	15	20	25	30	40	50	60	70	75	80	85	90	95	
0	100.0	99.6	96.6	90.5	82.2	73.2	64.2	46.8	33.4	23.2	15.5	12.5	9.9	7.3	4.6	1.6	7
1	100.0	99.6	96.5	90.4	82.2	73.2	64.1	46.8	33.4	23.1	15.5	12.5	9.9	7.3	4.6	1.6	10
2	99.9	99.5	96.5	90.4	82.1	73.1	64.1	46.7	33.3	23.1	15.4	12.5	9.8	7.3	4.6	1.6	40
3	99.7	99.3	96.3	90.2	81.9	72.9	63.9	46.5	33.1	22.9	15.3	12.4	9.8	7.3	4.6	1.6	38
4	99.5	99.1	96.1	90.0	81.7	72.7	63.7	46.3	33.0	22.8	15.3	12.3	9.8	7.2	4.5	1.6	63
5	99.1	98.8	95.7	89.6	81.4	72.4	63.3	46.0	32.7	22.6	15.2	12.2	9.7	7.2	4.5	1.6	73
6	98.7	98.4	95.3	89.2	81.0	72.0	62.9	45.7	32.4	22.4	15.0	12.1	9.6	7.2	4.5	1.6	116
7	98.1	97.7	94.7	88.6	80.3	71.4	62.3	45.1	32.0	22.2	14.8	11.9	9.5	7.1	4.5	1.6	125
8	97.4	97.1	94.0	87.9	79.6	70.7	61.7	44.6	31.5	21.8	14.6	11.8	9.3	7.0	4.4	1.6	149
9	96.6	96.2	93.2	87.1	78.8	69.9	60.9	43.9	31.0	21.5	14.4	11.6	9.2	6.9	4.3	1.6	187
10	95.6	95.2	92.2	86.1	77.8	68.9	60.0	43.1	30.4	21.1	14.1	11.4	9.0	6.8	4.3	1.6	248
11	94.2	93.9	90.8	84.7	76.5	67.6	58.7	42.0	29.6	20.4	13.7	11.1	8.8	6.6	4.2	1.5	217
12	93.0	92.7	89.6	83.5	75.3	66.4	57.6	41.1	28.9	19.9	13.4	10.8	8.6	6.5	4.1	1.5	303
13	91.4	91.0	88.0	81.9	73.6	64.8	56.1	39.8	27.9	19.2	12.9	10.5	8.3	6.3	4.0	1.5	320
14	89.6	89.3	86.2	80.1	71.9	63.2	54.5	38.6	27.0	18.5	12.4	10.1	8.1	6.1	4.0	1.5	370
15	87.6	87.3	84.2	78.1	69.9	61.2	52.8	37.2	25.9	17.7	11.8	9.6	7.6	5.7	3.7	1.4	407
16	85.4	85.0	82.0	75.9	67.8	59.1	50.7	35.6	24.6	16.7	11.1	9.0	7.2	5.4	3.5	1.3	434
17	83.0	82.7	79.6	73.6	65.4	56.9	48.7	33.9	23.4	15.8	10.5	8.6	6.8	5.1	3.4	1.3	518
18	80.2	79.9	76.8	70.8	62.7	54.4	46.4	32.0	22.0	14.7	9.7	7.9	6.3	4.8	3.1	1.2	587
19	77.0	76.6	73.6	67.6	59.8	51.7	44.0	30.2	20.6	13.6	8.9	7.2	5.8	4.4	2.9	1.0	573
20	73.9	73.5	70.5	64.6	56.8	49.1	41.7	28.5	19.3	12.7	8.2	6.7	5.3	4.1	2.6	1.0	683
21	70.2	69.8	66.8	60.9	53.5	46.0	39.0	26.4	17.7	11.4	7.3	5.8	4.6	3.6	2.3	0.8	802
22	65.8	65.4	62.4	56.8	49.7	42.6	35.9	23.9	15.6	9.8	6.0	4.7	3.8	2.9	1.8	0.7	844
23	61.2	60.8	57.9	52.4	45.6	39.0	32.7	21.3	13.5	8.1	4.8	3.7	2.9	2.1	1.2	0.6	946
24	56.0	55.7	52.7	47.6	41.3	35.0	29.1	18.4	11.4	6.5	3.6	2.6	2.0	1.4	0.8	0.4	977
25	50.7	50.3	47.5	42.6	36.7	30.8	25.3	15.6	9.1	4.8	2.3	1.5	1.0	0.7	0.3	0.1	900
26	45.8	45.4	42.6	38.0	32.6	27.2	22.1	13.2	7.3	3.5	1.5	0.8	0.5	0.3	0.0	0.0	925
27	40.7	40.4	37.7	33.4	28.4	23.5	18.8	10.6	5.4	2.3	0.8	0.4	0.2	0.1	0.0	0.0	850
28	36.1	35.7	33.2	29.1	24.6	20.0	15.7	8.4	3.9	1.5	0.4	0.1	0.0	0.0	0.0	0.0	858
29	31.4	31.1	28.6	24.8	20.8	16.7	12.7	6.3	2.6	0.8	0.1	0.0	0.0	0.0	0.0	0.0	759
30	27.3	26.9	24.6	21.1	17.4	13.7	10.1	4.6	1.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	733
31	23.3	22.9	20.8	17.6	14.3	11.0	7.9	3.2	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	682
32	19.5	19.2	17.3	14.3	11.4	8.4	5.8	2.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	741
33	15.5	15.2	13.4	10.9	8.3	5.8	3.7	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	632
34	12.0	11.8	10.2	8.0	5.8	3.8	2.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	560
35	9.0	8.8	7.3	5.5	3.8	2.2	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	434
36	6.6	6.4	5.1	3.7	2.4	1.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	361
37	4.6	4.5	3.4	2.3	1.4	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	285
38	3.1	2.9	2.1	1.4	0.7	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	226
39	1.9	1.8	1.2	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	158
40	1.0	0.9	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	96
41	0.5	0.4	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	49
42	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23
43	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7
44	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6
45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
NUMBER OF READINGS	66	560	1118	1515	1643	1663	3182	2456	1877	1402	547	484	472	501	536	302	18324

TABLE 19

STATION:- MACKAY RADAR

BUREAU OF METEOROLOGY NUMBER:- 33119

LATITUDE:- 21 07 E

LONGITUDE:- 149 10 S

ELEVATION:- 31m AMSL

PERIOD OF RECORD:- 1/ 1/1963 TO 31/12/1977

TABLE OF MISSING READINGS

TIME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0000	457	422	463	449	465	450	465	465	450	465	450	463	5464
0300	9	15	14	15	24	38	22	48	19	12	6	18	240
0600	12	24	17	20	24	22	24	37	19	2	3	11	215
0900	6	4	4	4	11	3	7	7	0	0	1	4	51
1200	3	4	5	5	4	1	0	0	0	1	1	5	29
1500	3	4	2	0	6	4	1	3	2	0	3	0	28
1800	5	4	3	9	19	16	2	28	23	16	2	13	140
2100	18	5	5	37	67	35	8	98	79	54	7	44	457
TOTAL	513	482	513	539	620	569	529	686	592	550	473	558	6624

STATION: - MACKAY RADAR

TABLE 19(a)

## PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURES

TEMPERATURE (C)	MONTH												CUMULATIVE		
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	ABOVE	BELOW
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.3	0.5	0.1	0.0	0.0	0.0	0.0	0.1	99.9	0.0
8	0.0	0.0	0.0	0.0	0.1	0.6	1.3	0.3	0.0	0.0	0.0	0.0	0.2	99.7	0.1
9	0.0	0.0	0.0	0.0	0.1	0.8	1.8	0.7	0.0	0.0	0.0	0.0	0.3	99.4	0.3
10	0.0	0.0	0.0	0.0	0.3	1.3	2.5	1.3	0.2	0.0	0.0	0.0	0.5	98.9	0.6
11	0.0	0.0	0.0	0.0	0.4	2.1	2.1	1.7	0.6	0.0	0.0	0.0	0.6	98.4	1.1
12	0.0	0.0	0.0	0.0	0.7	2.6	2.9	2.2	1.2	0.0	0.0	0.0	0.8	97.5	1.6
13	0.0	0.0	0.0	0.0	1.1	3.0	4.9	3.2	1.3	0.1	0.0	0.0	1.1	96.4	2.5
14	0.0	0.0	0.0	0.2	1.6	4.5	4.3	2.9	2.4	0.2	0.0	0.0	1.3	95.1	3.6
15	0.0	0.0	0.0	0.3	2.4	4.1	4.8	3.1	2.6	0.4	0.0	0.0	1.5	93.6	4.9
16	0.0	0.0	0.1	0.3	3.1	6.0	6.8	4.7	2.5	1.1	0.0	0.0	2.0	91.6	6.4
17	0.0	0.0	0.1	0.6	4.3	7.8	9.7	6.6	2.8	1.6	0.1	0.0	2.8	88.8	8.4
18	0.0	0.0	0.3	1.2	5.0	11.6	14.5	10.3	4.3	2.0	0.5	0.1	4.1	84.7	11.2
19	0.1	0.1	0.4	2.8	7.1	14.0	15.9	14.6	5.0	2.6	1.4	0.3	5.3	79.3	15.3
20	0.4	0.3	1.0	4.7	10.0	14.8	12.8	16.2	11.3	3.5	2.1	1.1	6.5	72.9	20.7
21	1.2	0.8	2.2	6.9	13.9	13.5	8.3	12.5	17.0	6.2	2.7	1.9	7.2	65.7	27.1
22	2.7	2.2	3.9	8.6	15.1	7.4	3.7	9.2	15.0	12.5	3.2	3.1	7.2	58.5	34.3
23	5.5	4.6	6.5	12.2	16.3	2.9	1.5	4.7	12.7	17.0	7.6	4.8	8.0	50.5	41.5
24	7.6	8.4	9.1	19.2	10.1	1.4	0.6	3.2	9.2	15.3	15.2	8.3	9.0	41.5	49.5
25	9.9	11.5	16.4	20.4	5.0	0.6	0.4	1.6	6.6	13.2	16.4	14.7	9.8	31.7	58.5
26	18.0	21.1	21.0	11.5	2.1	0.2	0.1	0.5	3.2	11.3	15.2	17.4	10.2	21.6	68.3
27	18.9	20.7	18.9	7.3	1.1	0.2	0.0	0.4	1.6	8.3	14.0	17.2	9.1	12.4	78.4
28	14.3	15.3	10.7	2.6	0.2	0.0	0.0	0.1	0.5	3.4	11.7	13.9	6.1	6.4	87.6
29	10.7	9.1	7.2	1.0	0.0	0.0	0.0	0.0	0.1	1.0	6.2	9.3	3.7	2.6	93.6
30	7.2	4.4	1.7	0.1	0.0	0.0	0.0	0.0	0.0	0.3	2.5	5.1	1.8	0.9	97.4
31	2.7	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.8	2.2	0.6	0.2	99.1
32	0.8	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.6	0.2	0.1	99.8
33	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	99.9
34	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	100.0
38	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
NUMBER OF READINGS	3207	2910	3207	3061	3100	3031	3191	3034	3008	3170	3127	3162	37208		

TABLE 19(b)

STATION: - MACKAY RADAR

CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURES  
PERCENTAGE OF READINGS AT OR ABOVE GIVEN TEMPERATURE

TEMPERATURE (C)	MONTH												YEAR
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6	100.0	100.0	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0
7	100.0	100.0	100.0	100.0	100.0	99.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0
8	100.0	100.0	100.0	100.0	100.0	99.6	99.1	99.9	100.0	100.0	100.0	100.0	99.9
9	100.0	100.0	100.0	100.0	99.9	99.0	97.7	99.6	100.0	100.0	100.0	100.0	99.7
10	100.0	100.0	100.0	100.0	99.8	98.2	95.9	98.9	100.0	100.0	100.0	100.0	99.4
11	100.0	100.0	100.0	100.0	99.5	96.9	93.4	97.7	99.8	100.0	100.0	100.0	98.9
12	100.0	100.0	100.0	100.0	99.1	94.7	91.3	96.0	99.2	100.0	100.0	100.0	98.4
13	100.0	100.0	100.0	100.0	98.4	92.1	88.3	93.7	98.0	100.0	100.0	100.0	97.5
14	100.0	100.0	100.0	100.0	97.3	89.1	83.4	90.5	96.8	99.9	100.0	100.0	96.4
15	100.0	100.0	100.0	99.8	95.7	84.6	79.1	87.7	94.3	99.8	100.0	100.0	95.1
16	100.0	100.0	100.0	99.5	93.3	80.5	74.3	84.6	91.7	99.4	100.0	100.0	93.6
17	100.0	100.0	99.9	99.2	90.2	74.5	67.5	79.9	89.2	98.3	100.0	100.0	91.6
18	100.0	100.0	99.8	98.7	85.9	66.7	57.8	73.3	86.4	96.6	99.9	100.0	88.8
19	100.0	100.0	99.5	97.4	80.9	55.1	43.3	63.0	82.1	94.6	99.4	99.9	84.7
20	99.9	99.9	99.1	94.6	73.7	41.1	27.4	48.4	77.1	92.1	98.0	99.6	79.3
21	99.5	99.7	98.1	89.8	63.8	26.3	14.7	32.2	65.9	88.6	95.9	98.5	72.9
22	98.3	98.9	95.9	83.0	49.9	12.8	6.3	19.7	48.8	82.4	93.3	96.7	65.7
23	95.7	96.6	92.0	74.4	34.8	5.4	2.6	10.5	33.8	69.9	90.1	93.6	58.5
24	90.2	92.0	85.4	62.2	18.6	2.5	1.1	5.9	21.2	52.9	82.4	88.8	50.5
25	82.6	83.6	76.3	43.0	8.5	1.1	0.5	2.6	12.0	37.6	67.3	80.6	41.5
26	72.7	72.1	59.9	22.5	3.4	0.5	0.2	1.0	5.4	24.4	50.8	65.9	31.7
27	54.8	51.0	38.9	11.0	1.3	0.3	0.0	0.5	2.2	13.1	35.6	48.5	21.6
28	35.8	30.4	20.0	3.7	0.2	0.0	0.0	0.1	0.6	4.8	21.6	31.3	12.4
29	21.5	15.1	9.3	1.1	0.0	0.0	0.0	0.0	0.1	1.4	9.9	17.4	6.4
30	10.9	6.0	2.1	0.1	0.0	0.0	0.0	0.0	0.0	0.4	3.7	8.2	2.6
31	3.7	1.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.2	3.1	0.9
32	1.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.9	0.2
33	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.3	0.1
34	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
38	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
39	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NUMBER OF READINGS	3207	2910	3207	3061	3100	3031	3191	3034	3008	3170	3127	3162	37208

STATION: - MACKAY RADAR

TABLE 19(c)

## PERCENTAGE FREQUENCY DISTRIBUTIONS OF RELATIVE HUMIDITIES

RELATIVE HUMIDITY (%)	MONTH												YEAR	CUMULATIVE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
3-4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
5-6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
7-8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
9-10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
11-12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
13-14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	100.0	0.0
15-16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
17-18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	100.0	0.0
19-20	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.1	0.0	99.9	0.0
21-22	0.0	0.0	0.0	0.0	0.0	0.6	0.3	0.0	0.0	0.0	0.1	0.0	0.1	99.8	0.1
23-24	0.0	0.0	0.0	0.0	0.0	1.3	0.3	0.2	0.2	0.1	0.1	0.0	0.2	99.7	0.2
25-26	0.0	0.0	0.0	0.0	0.0	1.2	1.2	0.1	0.2	0.1	0.1	0.0	0.2	99.4	0.3
27-28	0.0	0.0	0.0	0.0	0.1	1.0	1.4	0.2	0.2	0.1	0.0	0.0	0.3	99.2	0.6
29-30	0.0	0.0	0.0	0.0	0.1	0.9	0.9	0.3	0.3	0.2	0.0	0.0	0.2	98.9	0.8
31-35	0.1	0.0	0.0	0.2	0.2	1.4	2.0	0.7	0.9	0.7	0.4	0.2	0.6	98.4	1.1
36-40	0.2	0.0	0.1	0.2	0.7	1.6	1.8	1.9	1.4	0.9	0.4	0.2	0.8	97.6	1.6
41-45	0.1	0.0	0.2	0.3	2.0	2.1	3.6	2.4	2.1	1.0	0.4	0.2	1.2	96.4	2.4
46-50	0.3	0.1	0.4	0.6	2.3	3.4	3.5	2.9	2.8	1.9	1.3	0.8	1.7	94.7	3.6
51-55	1.3	0.3	0.2	1.2	2.4	4.2	4.8	4.3	4.5	3.6	4.0	3.2	2.8	91.8	5.3
56-60	3.9	1.3	1.8	2.9	3.3	4.9	4.5	4.3	5.9	9.6	7.8	7.1	4.8	87.1	8.2
61-65	8.6	4.6	4.9	6.1	4.8	5.5	4.8	5.9	9.8	13.1	12.2	14.7	8.0	79.1	12.9
66-70	14.6	12.9	13.1	11.4	7.8	7.4	6.1	7.3	12.1	16.1	15.3	15.7	11.7	67.4	20.9
71-72	6.5	6.7	6.4	6.2	4.3	3.3	2.8	3.6	5.3	6.0	6.5	5.7	5.3	62.1	32.6
73-74	6.4	7.6	7.0	7.0	4.6	3.5	3.1	3.5	6.0	5.2	5.8	6.1	5.5	56.7	37.9
75-76	5.9	7.1	7.2	7.7	5.7	3.5	3.8	4.2	5.0	5.4	5.5	5.8	5.6	51.1	43.3
77-78	6.6	7.2	7.9	7.9	5.8	4.0	5.0	4.4	5.0	5.0	5.6	5.4	5.8	45.3	48.9
79-80	5.4	6.6	6.0	6.2	6.1	5.2	4.9	4.5	4.6	4.7	4.9	4.0	5.2	40.0	54.7
81-82	4.9	6.6	6.8	5.8	6.3	5.0	4.5	4.7	4.5	3.6	5.4	4.2	5.2	34.8	60.0
83-84	4.3	5.6	5.0	5.2	6.1	5.4	4.9	5.0	4.1	3.6	4.4	4.2	4.8	30.0	65.2
85-86	4.6	4.8	4.6	5.0	5.3	5.2	4.6	5.3	3.7	3.2	4.1	3.6	4.5	25.5	70.0
87-88	3.8	4.6	4.5	3.6	4.7	4.3	4.4	4.6	3.6	2.7	3.9	3.5	4.0	21.5	74.5
89-90	3.4	4.5	3.8	3.8	5.8	5.2	6.1	5.8	4.0	3.1	3.2	3.4	4.3	17.2	78.5
91-92	5.2	4.7	4.1	4.6	5.1	4.7	5.1	5.4	4.0	3.2	2.7	3.7	4.4	12.8	82.8
93-94	3.2	3.9	4.2	5.1	5.7	5.3	5.1	6.3	3.0	2.6	2.1	3.0	4.1	8.7	87.2
95-96	5.0	5.8	6.0	5.3	5.9	3.9	4.9	5.6	3.1	2.4	2.4	3.0	4.4	4.3	91.3
97-98	4.2	4.1	4.5	2.9	3.8	3.6	3.2	4.4	2.6	1.5	0.8	1.7	3.1	1.2	95.7
NUMBER OF READINGS	3207	2861	3207	3061	3100	3031	3191	3034	3006	3170	3127	3162	37157		

STATION: - MACKAY RADAR

TABLE 19(d)

## PERCENTAGE FREQUENCY DISTRIBUTION OF ABSOLUTE HUMIDITIES

DEW POINT (C)	VAPOUR PRESSURE (mbar)	MONTH												YEAR	CUMULATIVE	
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
-7	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
-6	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
-5	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
-4	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	100.0	0.0
-3	4.9	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	99.9	0.0
-2	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.2	0.0	0.0	0.0	0.0	99.9	0.1
-1	5.7	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.3	0.0	0.1	0.0	0.0	0.0	99.8	0.1
0	6.2	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.2	0.2	0.0	0.0	0.0	0.1	99.7	0.2
1	6.7	0.0	0.0	0.0	0.0	0.2	0.4	0.5	0.6	0.3	0.1	0.0	0.0	0.2	99.6	0.3
2	7.1	0.0	0.0	0.0	0.0	0.1	0.6	1.3	0.6	0.3	0.0	0.0	0.0	0.2	99.3	0.4
3	7.7	0.0	0.0	0.0	0.0	0.3	0.8	2.0	0.7	0.4	0.2	0.0	0.0	0.4	99.0	0.7
4	8.2	0.0	0.0	0.0	0.0	0.5	1.8	2.5	1.3	0.7	0.1	0.1	0.0	0.6	98.4	1.0
5	8.7	0.0	0.0	0.0	0.1	0.4	1.6	1.9	1.1	0.5	0.1	0.0	0.0	0.5	98.0	1.6
6	9.4	0.0	0.0	0.1	0.0	0.8	2.4	4.0	2.2	1.0	0.4	0.0	0.0	0.9	97.1	2.0
7	10.0	0.0	0.0	0.0	0.1	1.3	2.9	5.0	2.5	1.6	0.1	0.1	0.1	1.1	96.0	2.9
8	10.7	0.0	0.0	0.0	0.1	1.5	4.6	4.7	3.9	1.3	0.4	0.2	0.0	1.4	94.6	4.0
9	11.5	0.0	0.0	0.0	0.1	2.2	4.4	5.0	4.2	2.0	0.6	0.2	0.1	1.5	93.1	5.4
10	12.3	0.0	0.0	0.0	0.1	1.5	3.7	3.1	2.3	1.5	0.7	0.0	0.1	1.1	92.0	6.9
11	13.1	0.1	0.0	0.0	0.4	3.2	4.7	4.8	3.7	3.2	0.9	0.1	0.1	1.7	90.3	8.0
12	14.0	0.1	0.0	0.2	0.5	3.1	5.8	5.2	5.3	3.0	1.0	0.3	0.1	2.0	88.3	9.7
13	15.0	0.1	0.0	0.2	0.5	2.7	7.1	5.8	5.7	5.4	2.0	0.4	0.1	2.4	85.9	11.7
14	16.0	0.1	0.0	0.1	1.1	4.9	8.2	9.1	7.6	8.7	2.9	1.3	0.3	3.6	82.3	14.1
15	17.1	0.1	0.0	0.2	1.0	3.7	6.1	7.2	6.2	7.0	4.8	1.6	0.2	3.1	79.1	17.7
16	18.2	0.2	0.0	0.6	2.1	8.7	12.0	12.6	11.9	11.7	10.3	3.9	1.5	6.2	72.9	20.9
17	19.4	0.5	0.3	1.1	6.1	10.5	13.7	10.6	14.9	16.2	16.0	7.6	4.0	8.4	64.5	27.1
18	20.6	1.6	1.3	3.6	13.0	14.6	11.0	9.6	12.5	14.6	17.5	10.2	8.5	9.8	54.7	35.5
19	22.0	6.0	3.9	7.5	19.4	18.0	5.2	3.7	7.8	11.8	15.7	13.5	11.2	10.4	44.3	45.3
20	23.4	7.1	6.6	8.1	18.1	10.3	1.6	0.5	2.9	4.1	9.6	11.8	11.2	7.7	36.6	55.7
21	24.9	16.1	15.0	17.6	22.2	7.3	0.9	0.1	1.3	2.6	9.1	16.9	18.5	10.8	25.8	63.4
22	26.4	21.2	20.7	23.6	10.8	2.6	0.2	0.1	0.1	1.2	4.5	16.0	16.1	9.9	15.9	74.2
23	28.1	22.9	24.9	20.5	4.0	1.3	0.1	0.0	0.0	0.1	2.1	10.8	12.9	8.4	7.5	84.1
24	29.8	15.2	17.1	11.7	0.4	0.2	0.0	0.0	0.0	0.1	0.6	3.2	10.3	4.9	2.5	92.5
25	31.7	5.3	7.4	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	3.1	1.8	0.7	97.5
26	33.6	2.5	2.6	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.3	0.6	0.1	99.3
NUMBER OF READINGS		3207	2861	3207	3061	3100	2825	2976	3034	3008	3170	3127	3162	36738		

NUMBER OF DEW POINTS GREATER THAN 38C 0

NUMBER OF DEW POINTS LESS THAN -15C 0

STATION:- MACKAY RADAR

TABLE 19(e)

DOUBLE CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION FOR TEMPERATURE AND RELATIVE HUMIDITY

TEMPERATURE (C)	PERCENTAGE OF READINGS AT OR ABOVE GIVEN CONDITIONS																NUMBER OF READINGS
	RELATIVE HUMIDITY (%)																
	0	5	10	15	20	25	30	40	50	60	70	75	80	85	90	95	
4	100.0	100.0	100.0	100.0	99.9	99.5	98.9	97.6	94.7	87.1	67.4	53.9	40.0	27.8	17.2	6.2	1
5	100.0	100.0	100.0	100.0	99.9	99.5	98.9	97.6	94.7	87.0	67.4	53.9	40.0	27.8	17.2	6.2	2
6	100.0	100.0	100.0	100.0	99.9	99.5	98.9	97.6	94.7	87.0	67.4	53.9	40.0	27.8	17.2	6.2	13
7	100.0	100.0	100.0	99.9	99.9	99.5	98.9	97.5	94.6	87.0	67.4	53.8	40.0	27.8	17.2	6.2	31
8	99.9	99.9	99.9	99.8	99.8	99.4	98.8	97.5	94.6	86.9	67.3	53.8	40.0	27.8	17.2	6.2	71
9	99.7	99.7	99.7	99.7	99.6	99.2	98.6	97.3	94.4	86.7	67.2	53.6	39.9	27.7	17.1	6.2	108
10	99.4	99.4	99.4	99.4	99.3	98.9	98.3	97.0	94.1	86.5	66.9	53.4	39.7	27.6	17.1	6.2	172
11	98.9	98.9	98.9	98.9	98.9	98.4	97.8	96.5	93.6	86.1	66.6	53.1	39.5	27.4	17.1	6.2	212
12	98.4	98.4	98.4	98.3	98.3	97.9	97.3	95.9	93.1	85.6	66.1	52.7	39.1	27.2	16.9	6.2	301
13	97.5	97.5	97.5	97.5	97.5	97.1	96.5	95.1	92.3	84.9	65.5	52.1	38.6	26.8	16.7	6.2	418
14	96.4	96.4	96.4	96.4	96.4	95.9	95.3	94.0	91.3	83.9	64.7	51.4	38.0	26.3	16.3	6.1	496
15	95.1	95.1	95.1	95.1	95.0	94.6	94.0	92.8	90.1	82.8	63.7	50.5	37.2	25.6	15.8	5.9	544
16	93.6	93.6	93.6	93.6	93.6	93.1	92.6	91.4	88.8	81.6	62.6	49.6	36.3	24.9	15.3	5.6	757
17	91.6	91.6	91.6	91.6	91.5	91.1	90.5	89.5	87.1	80.1	61.3	48.3	35.2	23.9	14.5	5.2	1038
18	88.8	88.8	88.8	88.8	88.7	88.3	87.8	86.9	84.6	77.9	59.3	46.4	33.5	22.4	13.4	4.8	1541
19	84.6	84.6	84.6	84.6	84.6	84.2	83.8	83.0	81.0	74.6	56.4	43.7	31.2	20.6	12.1	4.3	1986
20	79.3	79.3	79.3	79.3	79.2	78.8	78.6	78.0	76.3	70.3	52.5	40.1	28.0	18.1	10.5	3.7	2406
21	72.8	72.8	72.8	72.8	72.8	72.4	72.3	71.7	70.4	64.7	47.5	35.7	24.3	15.3	8.9	3.1	2673
22	65.6	65.6	65.6	65.6	65.6	65.4	65.3	64.8	63.7	58.5	42.2	31.2	20.7	12.8	7.2	2.6	2669
23	58.4	58.4	58.4	58.4	58.4	58.3	58.2	57.8	56.9	52.1	36.8	26.6	17.2	10.2	5.6	2.1	2987
24	50.4	50.4	50.4	50.4	50.3	50.3	50.2	49.9	49.2	44.8	30.7	21.6	13.4	7.5	3.9	1.4	3335
25	41.4	41.4	41.4	41.4	41.4	41.3	41.3	41.1	40.4	36.6	24.2	16.3	9.4	4.7	2.0	0.5	3631
26	31.7	31.7	31.7	31.6	31.6	31.6	31.5	31.3	30.8	27.6	17.3	11.1	6.0	2.5	0.8	0.1	3782
27	21.5	21.5	21.5	21.5	21.4	21.4	21.4	21.2	20.8	18.3	10.4	6.2	2.9	1.1	0.2	0.0	3379
28	12.4	12.4	12.4	12.4	12.3	12.3	12.3	12.2	12.0	10.3	5.1	2.6	1.0	0.3	0.0	0.0	2253
29	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.2	6.1	5.1	2.2	0.9	0.2	0.0	0.0	0.0	1379
30	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.4	2.0	0.8	0.3	0.0	0.0	0.0	0.0	658
31	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.5	0.2	0.1	0.0	0.0	0.0	0.0	229
32	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	66
33	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12
34	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6
38	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
39	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
NUMBER OF READINGS	80	75	36	15	157	219	499	1078	2834	7296	5054	5178	4784	3942	4078	2310	37635

TABLE 20

STATION:- MEEKATHARRA AERO.

BUREAU OF METEOROLOGY NUMBER:- 07045

LATITUDE:- 26 35 E

LONGITUDE:- 118 30 S

ELEVATION:- 517m AMSL

PERIOD OF RECORD:- 1/11/1962 TO 31/12/1977

TABLE OF MISSING READINGS

TIME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0000	8	4	8	8	1	4	3	5	4	2	1	5	53
0300	13	9	12	17	3	10	10	10	4	2	1	9	100
0600	2	2	2	6	8	24	12	8	0	1	1	0	66
0900	0	2	0	0	2	15	4	2	0	0	0	0	25
1200	1	0	0	2	1	3	1	2	0	0	1	1	12
1500	0	2	1	1	0	1	0	0	0	1	0	3	9
1800	1	1	3	8	0	1	0	0	0	0	0	1	15
2100	372	339	375	366	372	360	341	341	330	341	330	341	4208
TOTAL	397	359	401	408	387	418	371	368	338	347	334	360	4488

STATION: - MEEKATHARRA AERO.

TABLE 20(a)

## PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURES

TEMPERATURE (C)	MONTH												CUMULATIVE		
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	ABOVE	BELOW
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0	100.0	0.0
3	0.0	0.0	0.0	0.0	0.1	0.1	0.4	0.2	0.0	0.0	0.0	0.0	0.1	99.9	0.0
4	0.0	0.0	0.0	0.0	0.1	0.3	0.9	0.6	0.0	0.0	0.0	0.0	0.2	99.7	0.1
5	0.0	0.0	0.0	0.0	0.2	0.7	1.6	0.8	0.1	0.0	0.0	0.0	0.3	99.4	0.3
6	0.0	0.0	0.0	0.0	0.3	1.8	3.0	1.7	0.4	0.1	0.0	0.0	0.6	98.8	0.6
7	0.0	0.0	0.0	0.1	0.9	2.5	3.8	3.8	0.9	0.1	0.0	0.0	1.0	97.8	1.2
8	0.0	0.0	0.0	0.2	1.2	3.4	5.3	4.3	1.3	0.2	0.0	0.0	1.3	96.5	2.2
9	0.0	0.0	0.0	0.2	2.0	4.9	5.6	5.7	2.7	0.4	0.0	0.0	1.8	94.7	3.5
10	0.0	0.0	0.0	0.3	2.8	5.9	6.6	6.1	3.9	1.0	0.1	0.0	2.2	92.4	5.3
11	0.0	0.0	0.0	0.7	3.5	6.9	7.2	6.0	4.1	1.4	0.1	0.0	2.5	89.9	7.6
12	0.0	0.0	0.1	1.2	5.8	8.7	8.1	7.9	5.5	2.2	0.5	0.0	3.3	86.6	10.1
13	0.0	0.0	0.2	1.7	6.0	9.6	8.9	7.4	5.9	2.7	0.8	0.0	3.6	83.0	13.4
14	0.0	0.0	0.3	2.4	7.3	8.8	8.1	7.5	6.1	3.9	1.5	0.1	3.8	79.1	17.0
15	0.1	0.0	0.4	3.2	7.0	8.7	7.7	6.8	5.9	4.3	1.5	0.1	3.8	75.3	20.9
16	0.0	0.1	0.6	4.9	7.6	7.7	8.3	7.1	6.4	4.5	2.0	0.4	4.2	71.2	24.7
17	0.2	0.1	1.0	5.4	7.6	7.6	6.4	6.3	5.5	5.7	2.8	0.5	4.1	67.1	28.8
18	0.3	0.4	1.7	5.4	7.3	6.7	5.2	6.1	6.2	5.8	4.2	1.0	4.2	62.9	32.9
19	0.5	0.6	2.6	6.6	7.0	4.3	3.9	4.5	5.9	5.6	4.6	1.4	4.0	58.9	37.1
20	0.8	1.7	2.8	7.5	6.5	4.0	2.7	3.9	6.2	6.1	4.4	1.9	4.0	54.9	41.1
21	1.3	2.2	4.2	5.7	5.1	2.7	1.7	3.5	5.9	5.3	5.5	2.6	3.8	51.0	45.1
22	1.9	3.5	4.3	6.9	4.6	2.0	1.8	2.8	4.3	5.5	5.9	3.9	3.9	47.1	49.0
23	3.0	4.0	6.2	6.3	3.9	1.5	1.1	2.1	4.3	5.3	6.1	4.7	4.0	43.1	52.9
24	3.4	5.0	7.0	6.0	3.8	0.7	0.9	1.6	3.6	4.7	5.2	5.7	3.9	39.1	56.9
25	5.2	5.1	6.4	5.4	2.4	0.4	0.4	1.3	2.9	4.7	6.0	5.3	3.8	35.3	60.9
26	5.5	5.5	5.9	5.1	2.3	0.1	0.1	0.8	2.9	3.8	5.1	5.8	3.6	31.7	64.7
27	6.8	6.4	6.2	4.6	1.7	0.0	0.1	0.7	3.4	3.9	5.4	6.5	3.8	28.0	68.3
28	6.3	6.8	5.7	4.3	1.5	0.0	0.0	0.2	2.2	3.6	4.9	6.6	3.5	24.5	72.0
29	6.0	6.6	6.1	4.0	0.6	0.0	0.0	0.1	1.2	3.5	4.7	5.9	3.2	21.2	75.5
30	6.2	5.5	4.7	3.0	0.6	0.0	0.0	0.0	1.0	3.2	4.4	4.8	2.8	18.5	78.8
31	5.6	6.5	4.8	2.6	0.3	0.0	0.0	0.0	0.5	3.1	4.6	4.8	2.7	15.7	81.5
32	5.8	6.0	5.5	2.2	0.2	0.0	0.0	0.0	0.4	3.1	3.9	4.8	2.6	13.1	84.3
33	4.7	4.9	3.9	1.4	0.0	0.0	0.0	0.0	0.3	2.2	4.0	4.8	2.2	10.9	86.9
34	5.3	5.1	4.7	1.5	0.0	0.0	0.0	0.0	0.1	1.5	3.7	6.2	2.3	8.6	89.1
35	4.5	4.5	4.0	0.7	0.0	0.0	0.0	0.0	0.0	1.1	2.8	4.6	1.8	6.8	91.4
36	5.4	4.6	3.6	0.5	0.0	0.0	0.0	0.0	0.0	0.5	2.0	5.0	1.8	5.0	93.2
37	5.7	4.6	3.3	0.2	0.0	0.0	0.0	0.0	0.0	0.4	1.6	4.9	1.7	3.2	95.0
38	5.3	3.9	2.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.9	3.5	1.3	1.9	96.8
39	4.6	2.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.9	0.9	1.1	98.1
40	2.8	2.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.4	0.6	0.5	98.9
41	1.6	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.3	0.2	99.5
42	1.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	99.8
NUMBER OF READINGS	3323	3033	3319	3192	3333	3182	3349	3352	3262	3373	3266	3360	39344		

TABLE 20(b)

STATION: - MEEKATHARRA AERO.

## CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURES

## PERCENTAGE OF READINGS AT OR ABOVE GIVEN TEMPERATURE

TEMPERATURE (C)	MONTH												YEAR
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
3	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.8	100.0	100.0	100.0	100.0	100.0
4	100.0	100.0	100.0	100.0	99.9	99.9	99.5	99.6	100.0	100.0	100.0	100.0	99.9
5	100.0	100.0	100.0	100.0	99.8	99.6	98.5	99.0	100.0	100.0	100.0	100.0	99.7
6	100.0	100.0	100.0	100.0	99.5	98.9	97.0	98.2	99.9	100.0	100.0	100.0	99.4
7	100.0	100.0	100.0	100.0	99.3	97.1	94.0	96.5	99.5	99.9	100.0	100.0	98.8
8	100.0	100.0	100.0	99.9	98.3	94.6	90.2	92.6	98.6	99.8	100.0	100.0	97.8
9	100.0	100.0	100.0	99.7	97.2	91.2	84.9	88.3	97.3	99.5	100.0	100.0	96.5
10	100.0	100.0	100.0	99.6	95.2	86.3	79.3	82.6	94.6	99.1	100.0	100.0	94.7
11	100.0	100.0	100.0	99.3	92.4	80.4	72.7	76.5	90.7	98.1	99.9	100.0	92.4
12	100.0	100.0	100.0	98.6	89.0	73.6	65.5	70.5	86.6	96.6	99.8	100.0	89.9
13	100.0	100.0	99.9	97.5	83.1	64.9	57.3	62.6	81.1	94.5	99.3	100.0	86.6
14	100.0	100.0	99.7	95.8	77.2	55.2	48.4	55.2	75.2	91.8	98.5	100.0	83.0
15	100.0	100.0	99.4	93.4	69.8	46.5	40.3	47.7	69.0	87.9	97.0	99.9	79.1
16	99.9	100.0	99.1	90.2	62.8	37.8	32.6	40.9	63.2	83.5	95.6	99.8	75.3
17	99.9	99.9	98.5	85.3	55.2	30.1	24.3	33.8	56.7	79.1	93.6	99.4	71.2
18	99.7	99.8	97.4	79.9	47.6	22.5	17.9	27.5	51.3	73.3	90.8	98.8	67.1
19	99.5	99.5	95.8	74.5	40.3	15.8	12.7	21.4	45.1	67.5	86.6	97.9	62.9
20	98.9	98.9	93.1	67.9	33.4	11.5	8.8	17.0	39.1	61.9	82.0	96.4	58.9
21	98.2	97.2	90.3	60.4	26.9	7.5	6.1	13.1	33.0	55.8	77.6	94.5	54.9
22	96.9	95.0	86.1	54.8	21.8	4.8	4.4	9.6	27.0	50.5	72.1	91.9	51.0
23	95.0	91.5	81.7	47.9	17.2	2.8	2.6	6.8	22.8	44.9	66.2	88.0	47.1
24	92.0	87.5	75.5	41.6	13.4	1.3	1.5	4.7	18.5	39.6	60.1	83.2	43.1
25	88.6	82.5	68.6	35.6	9.5	0.6	0.7	3.1	14.9	34.9	54.9	77.6	39.1
26	83.4	77.4	62.2	30.2	7.2	0.2	0.3	1.9	12.0	30.2	48.9	72.3	35.3
27	77.9	71.9	56.3	25.1	4.8	0.1	0.1	1.1	9.1	26.4	43.8	66.5	31.7
28	71.1	65.5	50.1	20.5	3.2	0.0	0.0	0.4	5.7	22.5	38.4	60.0	28.0
29	64.7	58.7	44.4	16.2	1.7	0.0	0.0	0.2	3.5	18.8	33.5	53.4	24.5
30	58.7	52.1	38.3	12.2	1.1	0.0	0.0	0.0	2.3	15.4	28.8	47.5	21.2
31	52.5	46.6	33.6	9.1	0.5	0.0	0.0	0.0	1.3	12.1	24.4	42.7	18.5
32	46.9	40.1	28.8	6.6	0.2	0.0	0.0	0.0	0.8	9.0	19.8	37.9	15.7
33	41.1	34.1	23.4	4.4	0.0	0.0	0.0	0.0	0.4	5.8	15.9	33.1	13.1
34	36.4	29.2	19.5	2.9	0.0	0.0	0.0	0.0	0.1	3.7	11.9	28.3	10.9
35	31.1	24.2	14.8	1.5	0.0	0.0	0.0	0.0	0.0	2.1	8.1	22.1	8.6
36	26.6	19.6	10.8	0.8	0.0	0.0	0.0	0.0	0.0	1.0	5.3	17.6	6.8
37	21.2	15.0	7.1	0.3	0.0	0.0	0.0	0.0	0.0	0.5	3.3	12.6	5.0
38	15.4	10.4	3.9	0.1	0.0	0.0	0.0	0.0	0.0	0.1	1.7	7.7	3.2
39	10.1	6.5	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	4.2	1.9
40	5.5	3.8	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	2.4	1.1
41	2.7	1.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.5
42	1.1	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2
43	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NUMBER OF READINGS	3323	3033	3319	3192	3333	3182	3349	3352	3262	3373	3266	3360	39344

STATION: - MEEKATHARRA AERO.

TABLE 20(c)

## PERCENTAGE FREQUENCY DISTRIBUTIONS OF RELATIVE HUMIDITIES

RELATIVE HUMIDITY (%)	MONTH												YEAR	CUMULATIVE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
3-4	1.0	1.0	0.5	0.2	0.2	0.0	0.1	0.0	0.5	0.6	0.8	1.7	0.5	99.4	0.1
5-6	2.7	1.5	1.2	0.6	0.1	0.0	0.1	0.1	0.6	1.8	2.1	3.1	1.2	98.2	0.6
7-8	4.5	3.1	2.7	1.2	0.3	0.1	0.1	0.2	1.6	3.1	3.2	4.4	2.0	96.2	1.8
9-10	6.0	3.8	3.3	1.4	0.5	0.3	0.2	0.6	1.6	4.5	5.6	6.3	2.8	93.3	3.8
11-12	7.1	4.6	3.8	1.9	0.8	0.5	0.4	1.1	2.7	5.1	6.2	8.3	3.6	89.8	6.7
13-14	8.4	5.3	5.2	3.3	1.4	0.5	0.5	1.5	3.1	5.5	6.6	7.7	4.1	85.7	10.2
15-16	7.4	6.0	4.7	3.2	2.1	1.0	1.0	1.7	3.5	5.1	6.6	8.9	4.3	81.4	14.3
17-18	6.3	6.4	4.9	3.9	1.9	1.2	1.3	2.2	3.9	5.9	6.0	6.6	4.2	77.2	18.6
19-20	6.7	5.5	4.7	3.8	2.5	1.1	1.6	1.8	4.3	5.1	5.1	5.8	4.0	73.2	22.8
21-22	5.5	4.5	4.9	4.5	2.4	1.4	1.9	2.7	4.4	4.7	5.4	5.4	4.0	69.3	26.8
23-24	4.8	5.3	4.5	3.8	2.2	1.6	2.1	2.6	3.9	5.1	5.1	5.2	3.8	65.4	30.7
25-26	4.5	4.6	4.5	4.5	2.3	2.4	2.4	3.0	4.0	4.2	4.8	4.7	3.8	61.6	34.6
27-28	4.3	4.5	3.9	3.3	3.5	1.8	2.2	3.3	4.3	3.8	4.5	3.5	3.6	58.1	38.4
29-30	2.6	3.7	3.8	4.3	3.5	2.3	2.5	2.9	4.4	4.0	3.7	3.5	3.4	54.6	41.9
31-35	6.5	8.7	9.1	9.7	7.8	4.7	6.2	7.6	9.8	8.8	8.0	7.0	7.8	46.8	45.4
36-40	4.4	6.5	7.5	8.2	9.0	5.7	7.4	8.0	8.8	6.9	7.2	5.1	7.0	39.8	53.2
41-45	3.6	5.0	6.3	7.3	7.9	6.8	7.4	8.0	7.3	4.8	4.7	3.3	6.0	33.7	60.2
46-50	2.6	3.1	5.0	6.3	7.3	6.7	6.6	6.6	5.9	4.3	3.4	2.3	5.0	28.7	66.3
51-55	2.2	2.8	3.2	4.5	7.7	6.6	6.8	6.4	5.3	3.6	2.7	2.0	4.5	24.2	71.3
56-60	1.4	2.4	3.5	4.1	6.2	6.4	6.7	6.1	4.7	2.7	2.2	1.3	4.0	20.3	75.8
61-65	1.5	2.1	2.8	3.9	5.2	6.4	6.0	5.7	4.4	2.2	1.7	0.8	3.6	16.7	79.7
66-70	1.4	2.0	2.1	3.1	4.8	5.8	5.4	5.2	2.9	2.1	1.4	0.9	3.1	13.6	83.3
71-72	0.4	0.7	0.5	1.1	1.6	2.8	2.5	2.2	1.1	0.8	0.4	0.3	1.2	12.4	86.4
73-74	0.4	0.9	1.1	1.4	1.3	1.9	2.1	2.0	0.8	0.6	0.4	0.3	1.1	11.3	87.6
75-76	0.4	0.7	0.9	1.2	2.0	1.8	2.1	1.8	0.9	0.6	0.2	0.3	1.1	10.2	88.7
77-78	0.5	0.7	0.9	1.1	1.3	2.4	2.1	1.6	1.2	0.4	0.3	0.3	1.1	9.2	89.8
79-80	0.4	0.6	0.4	1.0	1.2	2.4	1.9	2.1	0.7	0.4	0.2	0.2	1.0	8.2	90.8
81-82	0.3	0.8	0.7	0.8	1.5	2.5	2.4	1.5	0.6	0.4	0.2	0.1	1.0	7.2	91.8
83-84	0.3	0.6	0.5	1.0	1.5	3.0	1.9	1.9	0.7	0.5	0.3	0.1	1.0	6.2	92.8
85-86	0.2	0.4	0.6	0.8	1.3	2.8	2.4	1.7	0.4	0.4	0.2	0.1	0.9	5.3	93.8
87-88	0.3	0.5	0.5	0.5	1.5	2.7	2.5	1.5	0.4	0.3	0.2	0.1	0.9	4.4	94.7
89-90	0.5	0.4	0.3	1.0	1.6	2.5	2.5	1.2	0.3	0.3	0.2	0.1	0.9	3.5	95.6
91-92	0.2	0.2	0.5	0.8	1.4	3.2	2.3	1.4	0.4	0.3	0.0	0.0	0.9	2.6	96.5
93-94	0.3	0.2	0.6	1.1	1.6	3.4	2.5	1.2	0.3	0.3	0.2	0.2	1.0	1.6	97.4
95-96	0.2	0.3	0.4	0.6	1.4	2.7	2.1	1.0	0.2	0.3	0.1	0.1	0.8	0.8	98.4
97-98	0.1	0.2	0.2	0.4	1.0	1.6	1.5	1.0	0.1	0.1	0.1	0.0	0.5	0.3	99.2
NUMBER OF READINGS	3323	3033	3318	3192	3333	3182	3348	3352	3262	3372	3266	3360	39341		

STATION: - MEEKATHARRA AERO.

TABLE 20(d)

## PERCENTAGE FREQUENCY DISTRIBUTION OF ABSOLUTE HUMIDITIES

DEW POINT (C)	VAPOUR PRESSURE (mbar)	MONTH												YEAR	CUMULATIVE	
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
-14	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	100.0	0.0
-13	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.1	0.0	0.0	0.0	99.9	0.0
-12	2.5	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	99.9	0.1
-11	2.7	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.1	99.8	0.1
-10	2.9	0.1	0.0	0.1	0.1	0.1	0.3	0.1	0.1	0.2	0.4	0.2	0.1	0.2	99.7	0.2
-9	3.1	0.4	0.5	0.6	0.3	0.4	0.3	0.5	1.1	2.0	2.4	1.5	1.8	1.0	98.7	0.3
-8	3.3	0.5	0.3	0.4	0.5	0.5	0.8	0.6	1.0	1.4	1.4	0.5	0.9	0.7	98.0	1.3
-7	3.6	0.4	0.2	0.2	0.7	0.6	1.1	1.1	1.8	2.1	1.9	1.2	1.2	1.0	96.9	2.0
-6	3.9	1.1	0.9	0.3	0.8	1.0	1.3	1.8	2.5	2.1	2.5	1.4	1.6	1.5	95.5	3.1
-5	4.3	0.5	0.3	0.3	1.0	1.1	1.0	1.1	1.9	3.0	2.2	1.7	1.3	1.3	94.2	4.5
-4	4.6	1.1	0.9	1.1	1.4	2.4	1.8	2.8	3.7	3.6	4.4	3.2	2.6	2.4	91.7	5.8
-3	4.9	2.2	1.2	1.8	1.9	2.6	2.1	4.5	4.4	4.5	4.3	4.0	3.0	3.1	88.7	8.3
-2	5.3	2.7	1.5	2.2	3.1	3.9	2.6	5.1	4.9	5.9	5.8	5.1	3.4	3.9	84.8	11.3
-1	5.7	2.7	1.6	2.3	4.3	3.7	3.5	6.0	6.1	6.5	6.0	5.4	4.0	4.4	80.4	15.2
0	6.2	2.9	2.2	2.7	2.3	2.8	2.7	3.5	3.8	4.9	4.2	4.3	2.8	3.3	77.2	19.6
1	6.7	4.7	3.4	4.3	4.7	6.0	5.1	6.6	6.8	8.2	7.3	6.4	5.2	5.7	71.4	22.8
2	7.1	5.9	3.4	4.3	4.0	5.8	5.8	7.0	7.4	8.1	7.8	7.4	6.7	6.2	65.3	28.6
3	7.7	5.5	4.3	4.9	5.6	7.3	6.2	7.2	6.0	8.5	7.3	7.9	7.4	6.5	58.7	34.7
4	8.2	7.4	5.5	4.9	5.5	7.0	6.9	7.9	8.4	7.5	7.7	6.3	8.1	6.9	51.8	41.3
5	8.7	4.3	3.4	3.3	4.5	5.0	5.5	5.5	5.3	5.3	4.3	4.6	5.0	4.7	47.1	48.2
6	9.4	6.2	6.0	5.6	6.5	6.4	7.5	7.1	7.8	7.2	6.8	6.5	6.6	6.7	40.5	52.9
7	10.0	6.6	6.2	4.9	7.1	6.5	8.1	6.7	6.9	5.6	5.4	5.9	6.6	6.4	34.1	59.5
8	10.7	5.9	6.1	5.1	7.5	7.1	7.0	5.6	5.9	4.3	4.3	6.2	6.0	5.9	28.2	65.9
9	11.5	4.8	5.2	5.5	6.2	5.9	7.6	4.7	4.5	2.9	4.1	4.9	4.7	5.1	23.1	71.8
10	12.3	3.6	4.8	3.9	3.8	3.5	4.7	2.8	2.7	1.7	2.5	3.3	3.2	3.4	19.7	76.9
11	13.1	4.8	6.3	6.4	5.1	4.1	6.4	3.1	2.4	1.4	2.8	3.6	3.5	4.1	15.6	80.3
12	14.0	4.3	4.9	5.9	4.7	4.8	4.5	3.2	1.7	1.3	1.4	2.8	2.7	3.5	12.1	84.4
13	15.0	3.3	4.8	6.1	4.9	3.4	3.6	2.2	1.6	0.5	1.1	2.0	2.8	3.0	9.1	87.9
14	16.0	3.5	3.9	4.4	4.4	3.2	2.3	1.7	0.8	0.3	0.7	1.5	2.6	2.4	6.7	90.9
15	17.1	1.6	3.0	2.9	2.2	2.3	0.8	1.0	0.3	0.0	0.2	0.5	1.2	1.3	5.4	93.3
16	18.2	2.7	4.7	3.6	2.3	1.9	0.3	0.3	0.1	0.1	0.2	0.9	1.5	1.5	3.8	94.6
17	19.4	2.6	3.6	3.6	1.6	0.5	0.3	0.1	0.1	0.1	0.0	0.5	1.4	1.2	2.7	96.2
18	20.6	2.0	3.6	2.8	1.6	0.2	0.0	0.0	0.0	0.0	0.1	0.3	1.0	1.0	1.7	97.3
19	22.0	1.7	2.4	1.9	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.5	0.6	1.1	98.3
20	23.4	1.0	2.3	1.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.6	98.9
21	24.9	1.4	1.7	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.3	99.4
22	26.4	1.3	0.5	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	99.7
23	28.1	0.2	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	99.9
NUMBER OF READINGS		3323	3033	3318	3192	3333	3182	3348	3352	3262	3372	3266	3360	39341		

NUMBER OF DEW POINTS GREATER THAN 38C 0

NUMBER OF DEW POINTS LESS THAN -15C 3

STATION:- MEEKATHARRA AERO.

TABLE 20(e)

DOUBLE CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION FOR TEMPERATURE AND RELATIVE HUMIDITY

TEMPERATURE (C)	PERCENTAGE OF READINGS AT OR ABOVE GIVEN CONDITIONS																NUMBER READINGS
	RELATIVE HUMIDITY (%)																
	0	5	10	15	20	25	30	40	50	60	70	75	80	85	90	95	
1	100.0	98.8	93.3	83.6	73.2	63.4	54.6	39.8	28.7	20.2	13.6	10.8	8.2	5.7	3.5	1.1	1
2	100.0	98.8	93.3	83.6	73.2	63.4	54.6	39.8	28.7	20.2	13.6	10.8	8.2	5.7	3.5	1.1	11
3	100.0	98.8	93.3	83.6	73.2	63.4	54.6	39.7	28.7	20.2	13.6	10.8	8.2	5.7	3.5	1.1	28
4	99.9	98.7	93.2	83.5	73.1	63.3	54.5	39.7	28.6	20.2	13.5	10.7	8.2	5.7	3.5	1.1	64
5	99.7	98.5	93.1	83.3	73.0	63.1	54.4	39.5	28.5	20.0	13.4	10.6	8.1	5.7	3.4	1.1	113
6	99.4	98.3	92.8	83.0	72.7	62.8	54.1	39.2	28.2	19.8	13.3	10.5	8.0	5.6	3.4	1.1	239
7	98.8	97.6	92.2	82.4	72.1	62.2	53.5	38.6	27.6	19.3	12.9	10.2	7.8	5.4	3.3	1.1	400
8	97.8	96.6	91.1	81.4	71.0	61.2	52.5	37.7	26.8	18.6	12.4	9.8	7.4	5.2	3.2	1.0	525
9	96.5	95.3	89.8	80.1	69.7	59.9	51.1	36.4	25.7	17.8	11.8	9.2	7.0	4.9	3.0	1.0	710
10	94.7	93.5	88.0	78.3	67.9	58.1	49.4	34.8	24.3	16.6	10.8	8.5	6.5	4.6	2.8	0.9	881
11	92.4	91.2	85.8	76.0	65.7	55.9	47.2	32.8	22.6	15.2	9.8	7.7	5.9	4.1	2.6	0.8	985
12	89.9	88.7	83.3	73.5	63.2	53.4	44.8	30.6	20.7	13.8	8.8	6.9	5.2	3.7	2.3	0.7	1315
13	86.6	85.4	79.9	70.2	59.8	50.1	41.7	27.8	18.5	12.1	7.5	5.8	4.4	3.1	1.9	0.6	1425
14	83.0	81.8	76.3	66.6	56.3	46.6	38.3	25.0	16.1	10.3	6.3	4.8	3.6	2.5	1.6	0.5	1512
15	79.1	77.9	72.5	62.7	52.5	43.0	34.9	22.1	13.9	8.7	5.2	3.9	2.9	2.0	1.2	0.4	1501
16	75.3	74.1	68.7	58.9	48.7	39.4	31.5	19.4	11.8	7.2	4.2	3.1	2.2	1.5	0.9	0.2	1633
17	71.2	70.0	64.5	54.8	44.7	35.6	28.1	16.7	9.9	5.9	3.4	2.4	1.7	1.1	0.6	0.1	1616
18	67.1	65.9	60.4	50.7	40.8	31.9	24.8	14.3	8.2	4.9	2.8	2.0	1.3	0.9	0.5	0.1	1652
19	62.9	61.7	56.2	46.7	37.0	28.5	21.8	12.2	7.0	4.1	2.3	1.7	1.1	0.7	0.4	0.1	1562
20	58.9	57.7	52.3	42.8	33.4	25.3	19.1	10.4	5.8	3.4	1.9	1.3	0.9	0.5	0.3	0.1	1589
21	54.9	53.7	48.2	38.9	29.9	22.2	16.5	8.7	4.9	2.8	1.5	1.0	0.7	0.4	0.2	0.0	1503
22	51.0	49.9	44.5	35.3	26.6	19.4	14.3	7.4	4.0	2.3	1.2	0.8	0.5	0.3	0.2	0.0	1551
23	47.1	45.9	40.6	31.7	23.4	16.8	12.2	6.1	3.2	1.7	0.9	0.6	0.4	0.2	0.1	0.0	1588
24	43.1	41.9	36.6	28.0	20.2	14.2	10.1	4.9	2.4	1.2	0.5	0.3	0.2	0.1	0.0	0.0	1553
25	39.1	37.9	32.7	24.5	17.2	11.8	8.2	3.7	1.7	0.8	0.3	0.1	0.1	0.0	0.0	0.0	1490
26	35.3	34.2	29.1	21.2	14.4	9.6	6.5	2.8	1.2	0.5	0.1	0.0	0.0	0.0	0.0	0.0	1408
27	31.7	30.6	25.6	18.1	12.0	7.8	5.1	2.0	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1493
28	28.0	26.8	22.1	15.2	9.7	6.1	3.8	1.3	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1375
29	24.5	23.4	18.8	12.4	7.6	4.6	2.8	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1264
30	21.2	20.2	15.9	10.0	5.9	3.3	1.9	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1096
31	18.5	17.4	13.4	8.1	4.6	2.5	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1066
32	15.7	14.8	11.0	6.3	3.2	1.6	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1042
33	13.1	12.2	8.8	4.7	2.3	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	852
34	10.9	10.1	7.1	3.6	1.6	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	916
35	8.6	7.8	5.3	2.5	1.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	727
36	6.8	6.1	3.9	1.7	0.6	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	710
37	5.0	4.4	2.6	1.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	673
38	3.2	2.8	1.6	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	514
39	1.9	1.7	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	344
40	1.1	0.9	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	234
41	0.5	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	124
42	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50
43	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10
NUMBER OF READINGS	470	2158	3831	4075	3869	3445	5849	4347	3332	2616	1114	1007	975	888	917	451	39344

TABLE 21

STATION:- MELBOURNE R.O.

BUREAU OF METEOROLOGY NUMBER:- 86071

LATITUDE:- 37 49 E

LONGITUDE:- 144 58 S

ELEVATION:- 35m AMSL

PERIOD OF RECORD:- 1/ 1/1963 TO 31/12/1976

TABLE OF MISSING READINGS

TIME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0000	1	2	6	3	1	10	4	1	5	19	3	2	57
0300	3	1	1	3	9	15	8	8	2	3	5	2	60
0600	4	3	2	7	20	28	14	13	4	4	5	5	109
0900	4	1	0	2	5	17	12	6	2	0	1	0	50
1200	1	0	0	1	0	0	3	1	1	1	0	0	8
1500	2	0	1	0	0	0	1	1	0	0	0	0	5
1800	1	0	0	1	0	1	0	0	0	0	1	0	4
2100	2	0	1	4	2	5	2	1	1	1	0	3	22
TOTAL	18	7	11	21	37	76	44	31	15	28	15	12	315

STATION: - MELBOURNE R.O.

TABLE 21(a)

## PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURES

TEMPERATURE (C)	MONTH												CUMULATIVE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	ABOVE 100.0
0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1	0.0	0.0	0.0	0.0	0.0	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.1	99.9
2	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.2	0.1	0.0	0.0	0.0	0.1	99.8
3	0.0	0.0	0.0	0.0	0.1	1.4	1.5	0.5	0.2	0.1	0.0	0.0	0.3	99.5
4	0.0	0.0	0.0	0.0	0.2	1.5	1.9	1.2	0.7	0.1	0.0	0.0	0.5	99.0
5	0.0	0.0	0.0	0.1	0.8	2.5	2.7	2.1	0.9	0.3	0.0	0.0	0.8	98.2
6	0.0	0.0	0.0	0.2	1.7	3.4	4.1	3.1	2.2	1.0	0.1	0.0	1.3	96.9
7	0.0	0.0	0.1	0.6	2.5	5.1	7.2	6.0	3.9	1.7	0.5	0.0	2.3	94.6
8	0.0	0.0	0.4	1.4	3.5	8.3	10.2	8.8	5.1	2.7	0.8	0.2	3.5	91.1
9	0.1	0.1	0.8	1.9	6.4	10.4	13.4	12.4	7.5	3.8	1.6	0.5	4.9	86.2
10	0.4	0.2	1.2	3.0	8.1	11.5	13.2	12.9	9.3	6.2	3.0	1.2	5.9	80.3
11	0.7	0.4	1.8	4.4	10.9	15.3	15.0	14.4	12.7	8.4	5.2	1.9	7.6	72.7
12	1.7	1.0	2.8	7.4	12.8	14.7	10.6	12.3	11.7	10.6	8.4	4.0	8.2	64.5
13	3.0	2.3	4.4	10.1	13.5	10.4	8.1	8.9	11.1	11.8	10.4	7.3	8.5	56.1
14	4.9	3.9	6.4	10.9	11.8	7.2	5.3	6.5	8.3	11.0	12.3	8.0	8.1	48.0
15	6.8	4.7	8.4	10.8	8.4	3.7	2.9	3.9	6.4	8.1	10.9	9.8	7.1	40.9
16	10.3	8.0	9.7	11.0	6.2	1.9	1.4	2.5	5.8	7.1	9.8	11.1	7.1	33.9
17	11.3	10.4	11.3	9.8	5.0	0.6	0.8	1.8	4.2	6.2	7.4	10.9	6.7	27.2
18	9.9	11.8	10.8	7.6	2.8	0.5	0.2	1.0	3.1	3.8	6.3	8.2	5.5	21.7
19	10.0	10.8	7.9	4.9	2.0	0.1	0.1	0.7	2.1	3.4	4.4	6.6	4.4	17.3
20	6.9	7.9	6.8	3.5	1.1	0.0	0.2	0.3	1.8	3.2	3.5	5.1	3.4	14.0
21	5.6	6.1	5.3	3.4	1.0	0.0	0.1	0.1	1.4	2.3	3.3	5.0	2.8	11.2
22	3.9	5.8	4.4	3.0	0.4	0.0	0.0	0.2	0.6	2.1	2.0	3.3	2.1	9.1
23	3.7	4.2	3.4	1.9	0.3	0.0	0.0	0.0	0.4	1.8	1.7	2.5	1.7	7.4
24	3.0	3.1	2.3	1.6	0.1	0.0	0.0	0.0	0.3	1.5	1.4	2.3	1.3	6.1
25	2.6	3.0	2.2	0.9	0.1	0.0	0.0	0.0	0.1	1.0	1.6	2.1	1.1	5.0
26	2.7	2.4	1.6	0.7	0.0	0.0	0.0	0.0	0.0	0.8	1.0	1.6	0.9	4.1
27	2.0	2.3	1.8	0.4	0.1	0.0	0.0	0.0	0.0	0.6	1.0	1.6	0.8	3.2
28	1.3	2.0	1.5	0.2	0.0	0.0	0.0	0.0	0.0	0.3	1.2	1.2	0.6	2.6
29	1.5	1.9	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.5	1.1	0.6	2.0
30	1.2	1.5	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.5	1.0	0.4	1.6
31	1.3	1.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.7	0.4	1.2
32	1.2	1.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.8	0.3	0.9
33	1.1	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.2	0.6
34	0.8	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.6	0.2	0.4
35	0.8	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.3
36	0.6	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.2
37	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
38	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0
39	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NUMBER OF READINGS	3454	3161	3461	3339	3435	3284	3428	3441	3345	3444	3345	3460	40597	

TABLE 21(b)

CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURES  
PERCENTAGE OF READINGS AT OR ABOVE GIVEN TEMPERATURE

TEMPERATURE (C)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0	100.0	100.0	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0
1	100.0	100.0	100.0	100.0	100.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
2	100.0	100.0	100.0	100.0	100.0	99.5	99.6	99.9	100.0	100.0	100.0	100.0	99.9
3	100.0	100.0	100.0	100.0	100.0	98.8	98.9	99.7	99.9	100.0	100.0	100.0	99.8
4	100.0	100.0	100.0	100.0	99.9	97.4	97.4	99.2	99.7	99.9	100.0	100.0	99.5
5	100.0	100.0	100.0	100.0	99.7	95.9	95.5	98.0	99.0	99.9	100.0	100.0	99.0
6	100.0	100.0	100.0	99.9	98.9	93.3	92.8	95.9	98.1	99.6	100.0	100.0	98.2
7	100.0	100.0	100.0	99.7	97.2	89.9	88.7	92.8	95.8	98.6	99.8	100.0	96.9
8	100.0	100.0	99.9	99.0	94.7	84.7	81.4	86.8	91.9	96.9	99.3	100.0	94.6
9	100.0	100.0	99.6	97.7	91.2	76.5	71.2	78.0	86.8	94.3	98.5	99.8	91.1
10	99.9	99.9	98.7	95.7	84.8	66.1	57.9	65.7	79.4	90.4	96.8	99.2	86.2
11	99.5	99.7	97.5	92.8	76.7	54.5	44.7	52.8	70.1	84.3	93.8	98.1	80.3
12	98.8	99.3	95.7	88.4	65.8	39.2	29.7	38.4	57.4	75.9	88.6	96.1	72.7
13	97.1	98.3	92.8	81.0	53.0	24.5	19.2	26.1	45.7	65.3	80.2	92.1	64.5
14	94.1	96.0	88.5	70.9	39.4	14.1	11.1	17.2	34.6	53.5	69.8	84.8	56.1
15	89.2	92.1	82.0	60.0	27.7	6.9	5.7	10.7	26.3	42.5	57.5	76.7	48.0
16	82.4	87.3	73.7	49.3	19.2	3.2	2.9	6.7	19.9	34.3	46.6	66.9	40.9
17	72.0	79.3	64.0	38.3	13.1	1.2	1.5	4.2	14.1	27.3	36.7	55.9	33.9
18	60.7	69.0	52.6	28.5	8.1	0.6	0.7	2.4	9.9	21.0	29.3	45.0	27.2
19	50.8	57.1	41.8	20.9	5.3	0.1	0.5	1.4	6.8	17.2	23.0	36.8	21.7
20	40.9	46.4	33.9	16.0	3.2	0.0	0.3	0.7	4.7	13.9	18.6	30.3	17.3
21	34.0	38.5	27.1	12.5	2.1	0.0	0.1	0.4	2.9	10.7	15.1	25.1	14.0
22	28.4	32.4	21.8	9.0	1.1	0.0	0.1	0.2	1.5	8.3	11.8	20.1	11.2
23	24.5	26.6	17.4	6.1	0.7	0.0	0.0	0.0	0.9	6.2	9.8	16.8	9.1
24	20.8	22.4	14.0	4.2	0.3	0.0	0.0	0.0	0.4	4.4	8.1	14.3	7.4
25	17.9	19.3	11.7	2.5	0.2	0.0	0.0	0.0	0.2	3.0	6.7	12.0	6.1
26	15.3	16.2	9.5	1.6	0.1	0.0	0.0	0.0	0.1	2.0	5.0	9.9	5.0
27	12.6	13.8	7.9	1.0	0.1	0.0	0.0	0.0	0.1	1.2	4.0	8.4	4.1
28	10.6	11.5	6.1	0.5	0.0	0.0	0.0	0.0	0.0	0.6	3.0	6.7	3.2
29	9.3	9.5	4.6	0.3	0.0	0.0	0.0	0.0	0.0	0.3	1.8	5.5	2.6
30	7.8	7.6	3.4	0.1	0.0	0.0	0.0	0.0	0.0	0.1	1.3	4.4	2.0
31	6.5	6.1	2.5	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.8	3.4	1.6
32	5.2	4.8	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.6	2.7	1.2
33	4.0	3.5	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.9	0.9
34	2.9	2.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.5	0.6
35	2.1	1.5	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.9	0.4
36	1.4	1.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.6	0.3
37	0.8	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.2
38	0.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1
39	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NUMBER OF READINGS	3454	3161	3461	3339	3435	3284	3428	3441	3345	3444	3345	3460	40597

STATION: - MELBOURNE R.O.

TABLE 21(c)

## PERCENTAGE FREQUENCY DISTRIBUTIONS OF RELATIVE HUMIDITIES

RELATIVE HUMIDITY (%)	MONTH												YEAR	CUMULATIVE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
3-4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
5-6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
7-8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
9-10	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	100.0	0.0
11-12	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	99.9	0.0
13-14	0.5	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.1	99.8	0.1
15-16	0.5	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.1	99.7	0.2
17-18	0.5	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.1	99.6	0.3
19-20	0.9	0.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.6	0.2	99.3	0.4
21-22	0.6	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.8	0.2	99.1	0.7
23-24	0.7	0.7	0.5	0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.7	0.3	98.8	0.9
25-26	1.0	1.3	0.6	0.1	0.1	0.0	0.0	0.0	0.1	0.2	0.5	1.1	0.4	98.4	1.2
27-28	0.9	0.6	0.6	0.3	0.0	0.0	0.0	0.0	0.2	0.4	0.6	0.5	0.4	98.0	1.6
29-30	1.0	1.2	0.8	0.5	0.1	0.0	0.1	0.0	0.2	0.6	1.0	1.3	0.6	97.5	2.0
31-35	2.1	2.5	2.8	2.1	0.4	0.0	0.2	0.4	1.0	1.8	2.8	3.2	1.6	95.9	2.5
36-40	3.4	2.9	3.7	3.1	0.7	0.2	0.3	1.2	2.8	3.2	3.5	4.2	2.4	93.4	4.1
41-45	5.0	4.5	4.0	4.3	1.8	0.5	1.1	2.5	4.8	4.6	4.8	4.8	3.6	89.9	6.6
46-50	7.4	6.4	5.1	5.9	3.0	1.8	2.2	4.6	6.5	6.0	5.3	6.2	5.0	84.8	10.1
51-55	8.7	9.4	7.8	7.1	5.5	3.3	4.6	6.2	8.1	8.3	8.1	8.9	7.2	77.7	15.2
56-60	10.9	9.5	10.1	9.0	7.6	7.6	7.7	7.4	8.8	9.5	9.6	10.5	9.0	68.6	22.3
61-65	10.5	11.6	10.5	9.8	9.7	8.4	8.8	9.8	9.4	11.0	10.9	11.7	10.2	58.5	31.4
66-70	12.1	10.1	10.4	9.1	11.3	10.0	11.6	10.8	10.4	10.3	10.8	9.3	10.5	47.9	41.5
71-72	4.3	3.9	5.1	3.8	5.2	4.9	5.1	5.9	5.2	3.9	5.6	4.2	4.8	43.2	52.1
73-74	3.5	3.9	3.5	4.8	5.0	4.6	5.3	4.7	5.0	4.3	4.3	4.3	4.4	38.7	56.8
75-76	4.7	5.1	4.7	4.2	4.4	5.3	4.8	4.9	4.9	4.6	4.4	4.0	4.7	34.1	61.3
77-78	3.6	3.5	3.9	4.3	5.8	5.7	6.1	6.1	4.5	3.7	4.0	3.5	4.6	29.5	65.9
79-80	3.1	3.8	3.9	4.0	5.8	6.9	6.3	5.6	4.6	3.9	3.3	3.3	4.5	25.0	70.5
81-82	3.2	3.3	4.0	4.0	5.5	5.3	5.7	5.0	4.1	4.2	3.6	3.1	4.2	20.7	75.0
83-84	2.3	3.1	3.3	4.0	4.7	6.1	5.9	4.6	3.8	3.9	3.0	3.0	4.0	16.7	79.3
85-86	2.1	2.4	2.9	3.5	4.5	6.0	5.7	4.6	3.8	3.6	3.1	2.2	3.7	13.0	83.3
87-88	1.6	2.1	2.8	4.0	4.9	5.1	4.5	3.7	3.5	3.3	2.5	2.3	3.4	9.7	87.0
89-90	1.6	2.1	2.2	3.0	3.7	4.6	3.6	3.2	1.9	2.5	2.2	1.6	2.7	7.0	90.3
91-92	1.1	1.6	2.1	2.9	3.8	4.6	3.6	3.9	2.0	1.9	2.2	0.9	2.5	4.5	93.0
93-94	0.9	1.7	1.6	2.9	3.1	4.4	2.8	2.2	2.3	1.9	1.3	1.1	2.2	2.3	95.5
95-96	0.7	0.7	0.7	1.7	1.9	2.7	2.0	1.5	1.4	1.2	0.9	0.8	1.3	0.9	97.7
97-98	0.1	0.4	0.4	0.9	1.0	1.6	1.4	0.6	0.4	0.6	0.2	0.3	0.7	0.3	99.1
NUMBER OF READINGS	3454	3161	3461	3339	3435	3284	3428	3441	3345	3444	3345	3460	40597		

TABLE 21(d)

STATION: - MELBOURNE R.O.

## PERCENTAGE FREQUENCY DISTRIBUTION OF ABSOLUTE HUMIDITIES

DEW POINT (C)	VAPOUR PRESSURE (mbar)	MONTH												YEAR	CUMULATIVE	
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
-5	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
-4	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	100.0	0.0
-3	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
-2	5.3	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	99.9	0.0
-1	5.7	0.0	0.0	0.0	0.1	0.0	0.5	0.2	0.2	0.3	0.2	0.2	0.1	0.1	99.8	0.1
0	6.2	0.1	0.0	0.1	0.0	0.1	0.7	0.7	1.0	0.6	0.2	0.3	0.2	0.3	99.5	0.2
1	6.7	0.1	0.0	0.2	0.1	0.4	1.9	2.7	3.0	2.3	1.3	0.9	0.3	1.1	98.3	0.5
2	7.1	0.4	0.0	0.5	0.9	1.8	5.9	9.0	9.1	6.5	3.2	1.8	1.0	3.4	95.0	1.7
3	7.7	0.6	0.2	0.8	1.4	2.1	5.6	7.9	8.1	6.5	3.4	2.8	1.4	3.4	91.6	5.0
4	8.2	1.1	0.7	1.4	2.8	7.3	11.3	15.9	14.8	12.9	7.7	5.8	3.5	7.1	84.4	8.4
5	8.7	2.6	1.0	2.9	5.9	10.4	14.9	17.1	16.0	14.4	9.7	7.6	5.2	9.0	75.4	15.6
6	9.4	4.3	2.1	5.4	8.0	13.0	15.0	17.0	15.4	15.2	10.8	9.2	7.3	10.2	65.2	24.6
7	10.0	4.3	3.1	5.3	7.1	11.3	12.1	11.7	10.9	9.8	9.8	7.4	7.8	8.4	56.8	34.8
8	10.7	8.8	6.9	8.5	13.8	17.6	14.9	11.5	9.8	12.2	14.9	12.1	11.8	11.9	44.9	43.2
9	11.5	10.5	7.7	9.7	15.1	13.9	9.6	4.6	7.7	8.4	11.7	12.3	11.2	10.2	34.7	55.1
10	12.3	6.7	5.9	7.6	8.1	5.8	3.1	1.0	1.8	3.4	6.0	7.4	7.9	5.4	29.3	65.3
11	13.1	10.9	11.1	11.7	12.1	6.3	3.0	0.4	1.4	3.7	7.5	10.5	10.6	7.4	21.9	70.7
12	14.0	15.3	15.0	15.5	11.5	4.9	1.0	0.1	0.8	2.4	6.8	9.9	11.0	7.8	14.0	78.1
13	15.0	7.5	8.6	6.9	3.9	2.2	0.2	0.0	0.1	0.7	1.9	4.2	5.0	3.4	10.6	86.0
14	16.0	8.4	11.2	8.2	5.1	1.9	0.1	0.0	0.0	0.3	2.2	3.6	5.9	3.9	6.7	89.4
15	17.1	6.4	9.1	6.5	2.3	0.6	0.0	0.0	0.0	0.2	1.4	2.8	4.0	2.8	3.9	93.3
16	18.2	5.6	7.9	4.3	1.2	0.3	0.0	0.0	0.0	0.0	0.8	0.9	2.6	1.9	2.0	96.1
17	19.4	3.2	4.1	2.5	0.5	0.1	0.0	0.0	0.0	0.0	0.2	0.1	1.5	1.0	1.0	98.0
18	20.6	2.1	3.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	1.2	0.7	0.3	99.0
19	22.0	0.8	1.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.1	99.7
20	23.4	0.2	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9
21	24.9	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
22	26.4	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
NUMBER OF READINGS		3454	3161	3461	3339	3435	3284	3428	3441	3345	3444	3345	3460	40597		

NUMBER OF DEW POINTS GREATER THAN 38C 0  
 NUMBER OF DEW POINTS LESS THAN -15C 0

TABLE 21(e)

STATION:- MELBOURNE R.O.

## DOUBLE CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION FOR TEMPERATURE AND RELATIVE HUMIDITY

TEMPERATURE (C)	PERCENTAGE OF READINGS AT OR ABOVE GIVEN CONDITIONS																NUMBER OF READINGS
	RELATIVE HUMIDITY (%)																
	0	5	10	15	20	25	30	40	50	60	70	75	80	85	90	95	
0	100.0	100.0	100.0	99.8	99.3	98.6	97.5	93.4	84.8	68.6	47.9	36.5	25.0	14.9	7.0	1.5	6
1	100.0	100.0	100.0	99.7	99.3	98.6	97.4	93.4	84.8	68.6	47.9	36.5	24.9	14.9	7.0	1.5	26
2	99.9	99.9	99.9	99.7	99.2	98.5	97.4	93.3	84.7	68.5	47.8	36.4	24.9	14.8	6.9	1.5	57
3	99.8	99.8	99.8	99.5	99.1	98.4	97.2	93.2	84.6	68.4	47.7	36.3	24.7	14.7	6.8	1.5	127
4	99.5	99.5	99.4	99.2	98.8	98.1	96.9	92.9	84.3	68.1	47.4	36.0	24.4	14.4	6.6	1.4	190
5	99.0	99.0	99.0	98.8	98.3	97.6	96.5	92.4	83.8	67.6	46.9	35.5	24.0	14.1	6.4	1.4	322
6	98.2	98.2	98.2	98.0	97.5	96.8	95.7	91.6	83.0	66.8	46.1	34.8	23.3	13.5	6.2	1.3	538
7	96.9	96.9	96.9	96.6	96.2	95.5	94.3	90.3	81.7	65.5	44.9	33.6	22.4	12.9	5.8	1.3	937
8	94.6	94.6	94.5	94.3	93.9	93.2	92.0	88.0	79.4	63.2	42.7	31.7	20.9	12.0	5.4	1.2	1402
9	91.1	91.1	91.1	90.9	90.4	89.7	88.6	84.5	75.9	59.8	39.7	29.1	19.0	10.8	4.8	1.0	1999
10	86.2	86.2	86.2	86.0	85.5	84.8	83.7	79.6	71.0	55.0	35.5	25.6	16.6	9.5	4.2	0.9	2375
11	80.3	80.3	80.3	80.1	79.7	78.9	77.8	73.8	65.2	49.5	31.1	22.1	14.2	8.0	3.6	0.8	3092
12	72.7	72.7	72.7	72.5	72.0	71.3	70.2	66.2	57.7	42.6	26.0	18.3	11.7	6.6	3.0	0.7	3324
13	64.5	64.5	64.5	64.3	63.9	63.1	62.0	58.0	49.7	35.7	21.2	14.9	9.4	5.3	2.4	0.6	3432
14	56.1	56.1	56.1	55.9	55.4	54.7	53.6	49.6	41.6	29.1	17.0	11.9	7.5	4.1	1.9	0.5	3271
15	48.0	48.0	48.0	47.8	47.3	46.6	45.5	41.5	34.1	23.3	13.3	9.2	5.7	3.2	1.5	0.4	2877
16	40.9	40.9	40.9	40.7	40.3	39.5	38.4	34.5	27.7	18.5	10.4	7.1	4.3	2.3	1.0	0.3	2873
17	33.9	33.9	33.8	33.6	33.2	32.5	31.3	27.6	21.5	13.9	7.6	5.0	3.0	1.5	0.7	0.2	2700
18	27.2	27.2	27.2	27.0	26.5	25.8	24.7	21.1	15.8	9.8	5.1	3.3	1.8	0.9	0.4	0.1	2228
19	21.7	21.7	21.7	21.5	21.0	20.3	19.2	15.8	11.2	6.5	3.2	2.0	1.1	0.5	0.2	0.0	1783
20	17.3	17.3	17.3	17.1	16.7	15.9	14.9	11.7	7.8	4.2	1.9	1.1	0.6	0.3	0.1	0.0	1365
21	14.0	14.0	13.9	13.7	13.3	12.6	11.5	8.6	5.3	2.7	1.1	0.6	0.3	0.1	0.0	0.0	1135
22	11.2	11.2	11.1	10.9	10.5	9.8	8.8	6.1	3.4	1.5	0.5	0.2	0.1	0.1	0.0	0.0	861
23	9.1	9.1	9.0	8.8	8.4	7.7	6.7	4.3	2.2	0.8	0.2	0.1	0.0	0.0	0.0	0.0	677
24	7.4	7.4	7.4	7.2	6.7	6.0	5.1	3.1	1.4	0.4	0.1	0.0	0.0	0.0	0.0	0.0	527
25	6.1	6.1	6.1	5.9	5.4	4.8	3.9	2.1	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	458
26	5.0	5.0	4.9	4.7	4.3	3.7	2.9	1.4	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	365
27	4.1	4.1	4.0	3.8	3.4	2.8	2.1	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	334
28	3.2	3.2	3.2	3.0	2.6	2.1	1.5	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	260
29	2.6	2.6	2.6	2.4	2.0	1.5	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	224
30	2.0	2.0	2.0	1.8	1.5	1.1	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	174
31	1.6	1.6	1.6	1.4	1.1	0.7	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	159
32	1.2	1.2	1.2	1.0	0.7	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	141
33	0.9	0.9	0.9	0.7	0.4	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	95
34	0.6	0.6	0.6	0.5	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	85
35	0.4	0.4	0.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	54
36	0.3	0.3	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47
37	0.2	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	38
38	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22
39	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11
40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3
41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
NUMBER OF READINGS	0	10	84	183	288	463	1639	3493	6576	8403	4632	4693	4096	3198	2208	631	40597

TABLE 22

STATION:- MILDURA AERO.

BUREAU OF METEOROLOGY NUMBER:- 76031

LATITUDE:- 34 14 E

LONGITUDE:- 142 05 S

ELEVATION:- 50m AMSL

PERIOD OF RECORD:- 1/ 1/1963 TO 31/12/1977

TABLE OF MISSING READINGS

TIME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0000	465	424	465	450	465	450	465	465	450	466	450	465	5480
0300	4	7	5	8	32	54	42	26	14	8	4	7	211
0600	9	4	8	11	56	74	63	33	17	11	6	7	299
0900	2	0	1	2	35	52	51	19	10	2	1	1	176
1200	0	4	1	2	5	5	4	1	3	1	0	3	29
1500	0	0	1	0	2	0	0	1	1	3	3	0	11
1800	4	0	1	2	5	3	0	1	1	4	3	1	25
2100	1	1	2	2	7	14	3	5	5	5	2	1	48

STATION: - MILDURA AERO.

TABLE 22(a)

## PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURES

TEMPERATURE (C)	MONTH												CUMULATIVE		
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	ABOVE	BELOW
-1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	100.0	0.0
0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.2	0.0	0.0	0.0	0.0	0.0	99.9	0.0
1	0.0	0.0	0.0	0.0	0.1	1.1	0.7	0.6	0.0	0.0	0.0	0.0	0.2	99.7	0.1
2	0.0	0.0	0.0	0.0	0.4	1.9	2.4	1.2	0.3	0.0	0.0	0.0	0.5	99.2	0.3
3	0.0	0.0	0.0	0.1	0.8	3.2	2.8	1.5	1.0	0.1	0.0	0.0	0.8	98.4	0.8
4	0.0	0.0	0.0	0.2	1.6	4.0	3.8	3.0	1.2	0.3	0.0	0.0	1.2	97.3	1.6
5	0.0	0.0	0.0	0.7	2.2	3.9	5.0	3.5	2.2	0.7	0.2	0.0	1.5	95.8	2.7
6	0.0	0.0	0.2	0.7	3.3	4.6	5.6	4.6	2.8	1.5	0.2	0.0	1.9	93.8	4.2
7	0.0	0.0	0.2	1.7	4.2	5.7	6.3	6.6	3.6	2.0	0.5	0.0	2.5	91.3	6.2
8	0.0	0.0	0.5	2.5	5.1	7.2	8.2	6.6	4.6	2.7	1.5	0.1	3.2	88.1	8.7
9	0.1	0.1	0.7	2.7	6.5	7.7	8.6	7.9	5.6	2.9	1.9	0.8	3.7	84.3	11.9
10	0.3	0.1	1.2	3.4	6.2	7.9	8.1	7.2	6.7	3.4	2.4	0.8	3.9	80.4	15.7
11	0.6	0.5	1.9	4.0	7.0	8.6	8.8	7.5	6.5	4.5	2.7	1.9	4.5	75.9	19.6
12	1.2	1.3	2.2	5.2	6.9	10.1	8.6	8.3	7.2	4.5	3.3	2.6	5.1	70.8	24.1
13	1.8	1.7	3.6	6.0	9.0	9.1	8.0	8.0	8.4	6.0	4.5	2.0	5.7	65.1	29.2
14	2.0	2.2	3.7	6.1	8.2	7.4	7.0	7.5	7.5	6.3	4.6	3.6	5.5	59.6	34.9
15	3.0	2.7	4.0	6.9	7.4	5.5	4.5	6.2	6.6	5.6	4.9	3.6	5.1	54.6	40.4
16	4.0	3.1	5.3	7.1	7.1	5.0	5.0	5.1	6.6	6.9	5.1	4.2	5.4	49.2	45.4
17	3.9	4.1	5.2	7.8	6.6	2.7	2.8	4.2	5.3	6.6	6.3	4.6	5.0	44.1	50.8
18	5.1	3.9	6.1	8.0	4.6	2.0	1.8	3.0	5.0	6.2	5.9	4.9	4.7	39.4	55.9
19	3.8	4.0	5.8	6.1	3.3	1.0	0.9	1.9	4.2	5.8	5.6	4.6	3.9	35.5	60.6
20	4.7	5.6	6.9	5.3	2.3	0.6	0.3	1.4	3.4	5.8	5.5	5.2	3.9	31.5	64.5
21	4.9	5.9	5.9	5.1	1.7	0.2	0.1	0.9	2.5	4.7	5.7	5.5	3.6	27.9	68.5
22	5.0	5.1	5.7	4.0	1.7	0.1	0.1	0.9	2.1	3.8	5.0	6.2	3.3	24.6	72.1
23	4.9	5.7	5.8	3.2	1.3	0.0	0.1	0.5	1.8	3.0	5.0	5.1	3.1	21.5	75.4
24	5.5	5.4	5.6	3.0	0.9	0.0	0.1	0.4	1.5	3.6	4.6	4.7	3.0	18.5	78.5
25	5.3	5.0	3.9	2.3	0.9	0.0	0.1	0.3	0.8	2.5	3.5	4.9	2.5	16.0	81.5
26	5.0	5.3	4.3	2.0	0.4	0.0	0.0	0.1	0.9	1.9	3.9	4.9	2.4	13.6	84.0
27	5.8	5.3	3.7	1.8	0.2	0.0	0.0	0.2	0.4	2.1	3.2	4.5	2.3	11.3	86.4
28	5.1	4.4	3.7	1.3	0.1	0.0	0.0	0.0	0.5	1.5	2.6	3.8	1.9	9.4	88.7
29	4.1	4.2	2.5	1.1	0.0	0.0	0.0	0.1	0.3	1.4	1.9	3.5	1.6	7.8	90.6
30	3.8	3.9	2.8	0.6	0.0	0.0	0.0	0.0	0.1	1.1	1.8	2.6	1.4	6.4	92.2
31	3.6	3.5	2.4	0.4	0.0	0.0	0.0	0.0	0.2	0.9	2.1	3.0	1.4	5.1	93.6
32	2.8	3.6	1.9	0.6	0.0	0.0	0.0	0.0	0.1	0.8	1.8	2.6	1.2	3.9	94.9
33	3.2	3.7	1.7	0.2	0.0	0.0	0.0	0.0	0.0	0.3	1.2	2.5	1.1	2.8	96.1
34	2.3	2.1	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.9	2.1	0.7	2.1	97.2
35	2.0	2.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.5	1.5	0.6	1.5	97.9
36	1.4	1.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	1.1	0.4	1.1	98.5
37	1.5	1.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.1	0.4	0.7	98.9
38	1.1	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.6	0.3	0.4	99.3
39	0.7	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.2	0.3	99.6
40	0.6	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.1	0.1	99.7
41	0.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.1	99.9
42	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	99.9
43	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
44	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
NUMBER OF READINGS	3235	2952	3236	3123	3113	2942	3085	3168	3098	3228	3131	3235	37546		

STATION: - MILDURA AERO.

TABLE 22(b)

CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURES

TEMPERATURE (C)	PERCENTAGE OF READINGS AT OR ABOVE GIVEN TEMPERATURE												YEAR
	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
-1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
1	100.0	100.0	100.0	100.0	100.0	99.8	99.6	99.7	100.0	100.0	100.0	100.0	99.9
2	100.0	100.0	100.0	100.0	99.9	98.7	98.9	99.1	100.0	100.0	100.0	100.0	99.7
3	100.0	100.0	100.0	100.0	99.5	96.8	96.4	97.9	99.7	100.0	100.0	100.0	99.2
4	100.0	100.0	100.0	99.9	98.7	93.5	93.7	96.4	98.7	99.9	100.0	100.0	98.4
5	100.0	100.0	100.0	99.6	97.1	89.5	89.9	93.3	97.5	99.5	100.0	100.0	97.3
6	100.0	100.0	100.0	98.9	94.9	85.6	85.0	89.8	95.3	98.9	99.8	100.0	95.8
7	100.0	100.0	99.8	98.2	91.6	81.0	79.3	85.2	92.5	97.4	99.6	100.0	93.8
8	100.0	100.0	99.6	96.5	87.3	75.3	73.1	78.6	88.9	95.4	99.1	100.0	91.3
9	100.0	100.0	99.1	94.0	82.2	68.1	64.9	71.9	84.3	92.8	97.6	99.9	88.1
10	99.9	99.9	98.4	91.3	75.7	60.4	56.3	64.0	78.7	89.9	95.7	99.1	84.3
11	99.6	99.8	97.2	87.9	69.5	52.5	48.3	56.8	72.0	86.5	93.4	98.3	80.4
12	98.9	99.3	95.3	83.9	62.5	43.9	39.4	49.2	65.5	82.0	90.6	96.4	75.9
13	97.7	98.0	93.2	78.7	55.6	33.8	30.9	40.9	58.2	77.5	87.4	93.8	70.8
14	95.9	96.3	89.6	72.8	46.6	24.7	22.9	32.9	49.9	71.5	82.8	91.8	65.1
15	93.9	94.1	85.8	66.7	38.4	17.3	15.8	25.3	42.4	65.2	78.2	88.1	59.6
16	90.9	91.4	81.8	59.8	31.0	11.7	11.3	19.2	35.8	59.6	73.4	84.5	54.6
17	86.9	88.3	76.5	52.6	23.9	6.7	6.3	14.0	29.2	52.7	68.3	80.2	49.2
18	83.1	84.2	71.3	44.9	17.4	4.0	3.4	9.8	23.9	46.1	62.0	75.6	44.1
19	78.0	80.4	65.2	36.9	12.8	1.9	1.7	6.8	18.9	39.9	56.1	70.7	39.4
20	74.2	76.4	59.4	30.8	9.5	0.9	0.8	4.9	14.7	34.1	50.5	66.1	35.5
21	69.5	70.7	52.5	25.6	7.2	0.3	0.5	3.5	11.3	28.3	45.0	61.0	31.5
22	64.6	64.8	46.6	20.5	5.5	0.1	0.4	2.5	8.8	23.6	39.3	55.5	27.9
23	59.6	59.8	40.9	16.5	3.8	0.0	0.3	1.6	6.6	19.7	34.3	49.3	24.6
24	54.7	54.1	35.2	13.3	2.5	0.0	0.2	1.2	4.8	16.7	29.3	44.2	21.5
25	49.2	48.7	29.6	10.3	1.6	0.0	0.1	0.7	3.3	13.1	24.7	39.5	18.5
26	43.9	43.6	25.7	8.0	0.7	0.0	0.1	0.4	2.5	10.6	21.2	34.5	16.0
27	38.8	38.3	21.4	6.0	0.3	0.0	0.0	0.3	1.5	8.7	17.3	29.7	13.6
28	33.0	33.0	17.7	4.2	0.1	0.0	0.0	0.1	1.1	6.5	14.1	25.2	11.3
29	27.9	28.6	14.1	2.9	0.0	0.0	0.0	0.1	0.6	5.1	11.5	21.4	9.4
30	23.7	24.5	11.5	1.9	0.0	0.0	0.0	0.0	0.3	3.7	9.6	17.9	7.8
31	19.9	20.6	8.7	1.2	0.0	0.0	0.0	0.0	0.3	2.7	7.9	15.3	6.4
32	16.3	17.1	6.3	0.8	0.0	0.0	0.0	0.0	0.1	1.8	5.7	12.3	5.1
33	13.4	13.5	4.4	0.2	0.0	0.0	0.0	0.0	0.0	1.0	4.0	9.7	3.9
34	10.2	9.8	2.7	0.1	0.0	0.0	0.0	0.0	0.0	0.7	2.7	7.2	2.8
35	7.9	7.8	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.9	5.1	2.1
36	5.9	5.8	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.4	3.6	1.5
37	4.5	4.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.9	2.6	1.1
38	3.0	2.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.6	1.5	0.7
39	1.9	1.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.0	0.4
40	1.2	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.6	0.3
41	0.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1
42	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
43	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NUMBER OF READINGS	3235	2952	3236	3123	3113	2942	3085	3168	3098	3228	3131	3235	37546

STATION: - MILDURA AERO.

TABLE 22(c)

## PERCENTAGE FREQUENCY DISTRIBUTIONS OF RELATIVE HUMIDITIES

RELATIVE HUMIDITY (%)	MONTH												YEAR	CUMULATIVE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
3-4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
5-6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
7-8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.1	0.0	99.9	0.0
9-10	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.3	0.4	0.1	99.8	0.1
11-12	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.8	0.6	0.2	99.6	0.2
13-14	1.0	0.6	0.3	0.1	0.0	0.0	0.0	0.1	0.2	0.3	0.6	1.9	0.4	99.2	0.4
15-16	1.7	1.1	0.5	0.1	0.0	0.0	0.0	0.2	0.2	0.7	1.6	2.7	0.7	98.4	0.8
17-18	2.1	1.5	1.1	0.2	0.0	0.0	0.0	0.2	0.6	1.2	2.1	2.7	1.0	97.4	1.6
19-20	3.1	2.6	1.2	0.5	0.1	0.0	0.0	0.5	0.4	1.1	2.5	3.2	1.3	96.2	2.6
21-22	3.4	2.8	1.9	1.0	0.1	0.0	0.0	0.5	0.7	1.8	2.6	3.2	1.5	94.6	3.8
23-24	4.2	3.3	2.9	0.8	0.0	0.0	0.1	0.5	0.9	2.1	3.4	4.5	1.9	92.7	5.4
25-26	4.0	3.1	2.3	0.9	0.3	0.0	0.2	0.6	0.7	2.2	3.6	4.2	1.9	90.9	7.3
27-28	4.2	3.3	2.6	1.4	0.4	0.0	0.2	0.8	1.4	2.7	4.2	4.3	2.1	88.7	9.1
29-30	4.3	4.1	3.6	1.4	0.4	0.0	0.4	0.8	1.7	2.8	3.9	3.8	2.3	86.4	11.3
31-35	9.6	10.3	9.3	5.3	1.7	0.5	1.4	2.5	4.3	7.3	9.3	10.1	6.0	80.4	13.6
36-40	8.9	11.4	9.9	6.9	3.2	1.1	1.9	3.7	7.2	7.5	9.3	9.4	6.7	73.7	19.6
41-45	7.5	8.4	9.0	7.5	4.2	2.8	3.2	5.7	7.2	8.8	7.3	7.3	6.6	67.1	26.3
46-50	7.3	8.0	9.2	8.5	5.4	4.8	4.9	6.7	7.4	7.5	7.1	6.6	7.0	60.1	32.9
51-55	6.5	7.3	6.8	8.6	7.6	5.9	7.3	8.6	7.8	7.0	6.7	5.9	7.2	52.9	39.9
56-60	6.9	6.5	7.3	6.7	7.5	7.1	7.8	7.3	7.1	6.0	5.7	6.1	6.8	46.1	47.1
61-65	6.8	6.5	6.6	6.8	8.4	8.2	7.6	8.0	7.2	5.9	5.4	5.5	6.9	39.2	53.9
66-70	4.7	4.3	5.7	6.4	7.2	8.5	7.3	6.7	6.6	7.0	4.8	5.1	6.2	33.1	60.8
71-72	1.9	1.9	2.8	3.8	4.4	4.2	4.1	3.5	3.0	3.0	2.4	1.8	3.1	30.0	66.9
73-74	1.9	1.8	1.8	2.6	2.7	2.7	2.1	2.1	1.6	1.7	1.9	1.1	2.0	28.0	70.0
75-76	1.2	1.2	1.8	3.0	3.5	4.4	4.8	3.1	3.3	2.5	1.9	1.1	2.6	25.3	72.0
77-78	1.4	1.9	2.3	2.6	3.0	2.8	2.7	2.6	2.7	2.5	2.1	1.2	2.3	23.0	74.7
79-80	0.8	0.8	1.5	1.8	2.9	2.6	3.0	2.2	2.0	1.5	1.1	0.7	1.7	21.3	77.0
81-82	0.9	0.9	1.4	3.5	4.9	5.3	5.1	4.0	4.1	2.3	1.9	1.0	2.9	18.4	78.7
83-84	1.0	1.5	1.7	2.1	2.7	3.3	3.3	2.7	2.0	1.5	1.2	0.8	2.0	16.4	81.6
85-86	0.6	0.8	0.9	2.5	3.0	2.6	3.1	2.6	2.1	1.5	0.9	0.7	1.8	14.6	83.6
87-88	0.8	1.1	1.4	4.1	6.0	6.7	6.0	5.0	5.5	3.7	1.9	1.0	3.6	11.0	85.4
89-90	0.5	0.5	0.8	1.3	2.7	3.4	2.9	2.7	1.5	1.0	0.5	0.6	1.5	9.5	89.0
91-92	0.4	0.2	0.6	1.9	4.0	4.5	4.3	3.9	2.8	1.7	0.6	0.5	2.1	7.4	90.5
93-94	0.8	0.9	1.3	3.7	6.5	7.6	6.6	5.5	4.1	2.9	1.1	0.7	3.4	4.0	92.6
95-96	0.4	0.5	0.5	1.5	3.4	4.0	4.0	2.4	1.5	0.9	0.4	0.5	1.6	2.3	96.0
97-98	0.2	0.3	0.6	0.9	1.8	3.7	3.0	2.3	1.2	0.4	0.4	0.3	1.2	1.1	97.7
NUMBER OF READINGS	3235	2952	3236	3123	3113	2948	3092	3169	3099	3228	3131	3235	37561		

STATION:- MILDURA AERO.

TABLE 22(d)

## PERCENTAGE FREQUENCY DISTRIBUTION OF ABSOLUTE HUMIDITIES

DEW POINT (C)	VAPOUR PRESSURE (mbar)	MONTH												YEAR	CUMULATIVE	
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
-8	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
-7	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	99.9	0.0
-6	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.1	0.1	0.0	0.1	99.9	0.1
-5	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0	99.9	0.1
-4	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.2	0.0	0.3	0.3	0.1	99.7	0.1
-3	4.9	0.1	0.0	0.0	0.0	0.0	0.1	0.4	1.1	0.2	0.2	0.3	0.1	0.2	99.5	0.3
-2	5.3	0.2	0.0	0.1	0.1	0.1	0.2	0.7	1.4	1.2	0.7	0.4	0.6	0.5	99.0	0.5
-1	5.7	0.1	0.1	0.2	0.3	0.3	0.7	1.7	2.3	1.6	1.3	1.1	0.7	0.9	98.2	1.0
0	6.2	0.2	0.1	0.4	0.4	0.5	1.6	2.5	2.9	2.1	1.4	2.0	1.0	1.3	96.9	1.8
1	6.7	0.8	0.4	1.5	0.9	1.7	4.6	6.4	6.5	5.2	3.4	3.7	2.1	3.1	93.8	3.1
2	7.1	1.1	0.6	1.7	1.8	3.2	7.0	9.0	8.0	8.2	5.2	5.2	3.4	4.5	89.3	6.2
3	7.7	2.4	1.5	3.3	4.1	7.3	11.7	11.4	11.6	9.8	8.1	7.3	5.5	7.0	82.3	10.7
4	8.2	4.3	2.9	4.2	7.0	10.1	13.5	14.1	13.8	11.0	8.8	8.6	8.0	8.8	73.5	17.7
5	8.7	4.0	2.4	4.4	6.1	7.1	9.3	9.2	9.5	8.0	8.1	6.9	6.5	6.8	66.7	26.5
6	9.4	6.9	4.9	7.6	9.4	11.4	11.0	13.1	11.9	11.3	11.1	10.2	10.4	9.9	56.8	33.3
7	10.0	8.3	7.6	9.9	12.2	12.7	12.4	12.3	11.2	11.2	12.1	11.8	10.7	11.0	45.7	43.2
8	10.7	10.5	9.5	10.2	12.1	13.2	9.9	8.5	7.7	10.7	10.1	10.6	10.9	10.3	35.4	54.3
9	11.5	10.9	9.4	10.8	11.4	10.1	8.0	5.7	5.2	7.7	8.3	9.1	8.5	8.8	26.7	64.6
10	12.3	6.7	6.6	6.8	5.7	5.8	3.3	2.1	2.0	3.6	4.9	4.9	5.4	4.8	21.8	73.3
11	13.1	9.4	10.6	9.2	8.1	6.2	3.6	1.5	2.4	3.0	5.3	5.5	6.2	5.9	15.9	78.2
12	14.0	7.8	9.9	7.0	6.0	3.1	2.0	0.9	1.0	2.2	3.5	4.8	4.9	4.4	11.5	84.1
13	15.0	5.7	6.5	5.5	4.9	2.4	0.8	0.3	0.4	1.0	2.5	2.4	3.6	3.0	8.5	88.5
14	16.0	4.7	7.0	5.2	2.9	1.9	0.4	0.0	0.1	0.6	1.8	1.7	3.2	2.5	6.0	91.5
15	17.1	3.1	4.6	3.6	2.0	0.7	0.1	0.0	0.1	0.2	1.2	0.9	1.5	1.5	4.5	94.0
16	18.2	3.2	5.2	3.6	2.5	1.1	0.0	0.0	0.0	0.2	1.1	0.7	2.3	1.7	2.8	95.5
17	19.4	2.4	4.0	2.0	1.5	0.9	0.0	0.0	0.0	0.2	0.6	0.5	1.8	1.2	1.7	97.2
18	20.6	2.6	2.4	1.5	0.4	0.2	0.0	0.0	0.0	0.0	0.1	0.4	1.1	0.7	0.9	98.3
19	22.0	1.9	1.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.4	0.5	99.1
20	23.4	1.1	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.2	0.3	99.5
21	24.9	0.9	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.2	0.1	99.7
22	26.4	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	99.9
23	28.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
24	29.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0

NUMBER OF READINGS

3235 2952 3236 3123 3113 2948 3092 3169 3099 3228 3131 3235

37561

NUMBER OF DEW POINTS GREATER THAN 38C 0  
 NUMBER OF DEW POINTS LESS THAN -15C 0

STATION:- MILDURA AERO.

TABLE 22(e)

## DOUBLE CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION FOR TEMPERATURE AND RELATIVE HUMIDITY

TEMPERATURE (C)	PERCENTAGE OF READINGS AT OR ABOVE GIVEN CONDITIONS																NUMBER OF READINGS
	RELATIVE HUMIDITY (%)																
	0	5	10	15	20	25	30	40	50	60	70	75	80	85	90	95	
-1	100.0	100.0	99.8	98.8	96.2	91.8	86.4	73.7	60.1	46.1	33.0	27.0	21.3	15.5	9.5	3.0	8
0	100.0	100.0	99.8	98.8	96.1	91.7	86.4	73.7	60.1	46.1	33.0	26.9	21.2	15.5	9.5	3.0	18
1	99.9	99.9	99.8	98.8	96.1	91.7	86.4	73.6	60.0	46.0	33.0	26.9	21.2	15.5	9.4	3.0	78
2	99.7	99.7	99.6	98.6	95.9	91.5	86.2	73.4	59.8	45.8	32.7	26.7	21.0	15.3	9.3	2.9	191
3	99.2	99.2	99.0	98.1	95.4	91.0	85.6	72.9	59.3	45.3	32.2	26.2	20.5	14.8	8.9	2.7	291
4	98.4	98.4	98.3	97.3	94.6	90.2	84.9	72.1	58.5	44.5	31.5	25.4	19.8	14.2	8.4	2.6	438
5	97.3	97.3	97.1	96.1	93.4	89.0	83.7	71.0	57.4	43.4	30.3	24.3	18.7	13.3	7.7	2.3	567
6	95.8	95.8	95.6	94.6	91.9	87.5	82.2	69.4	55.9	41.9	28.9	23.0	17.4	12.2	7.1	2.1	724
7	93.8	93.8	93.7	92.7	90.0	85.6	80.3	67.5	53.9	40.0	27.1	21.3	16.0	11.1	6.3	1.9	957
8	91.3	91.3	91.1	90.1	87.4	83.0	77.7	65.0	51.4	37.4	24.8	19.2	14.2	9.8	5.5	1.7	1208
9	88.1	88.1	87.9	86.9	84.2	79.8	74.5	61.7	48.2	34.3	22.1	16.7	12.2	8.3	4.6	1.4	1404
10	84.3	84.3	84.2	83.2	80.5	76.1	70.8	58.0	44.5	30.8	19.0	14.1	10.2	6.9	3.9	1.2	1481
11	80.4	80.4	80.2	79.2	76.5	72.1	66.8	54.1	40.6	27.2	16.2	11.8	8.3	5.6	3.1	0.9	1698
12	75.9	75.9	75.7	74.7	72.0	67.6	62.3	49.6	36.3	23.4	13.4	9.6	6.8	4.6	2.5	0.8	1905
13	70.8	70.8	70.6	69.6	66.9	62.5	57.2	44.5	31.7	19.7	10.9	7.7	5.4	3.6	2.0	0.6	2122
14	65.1	65.1	65.0	64.0	61.3	56.9	51.6	38.9	26.6	15.8	8.6	6.0	4.2	2.8	1.6	0.5	2064
15	59.6	59.6	59.5	58.5	55.8	51.4	46.1	33.6	21.9	12.5	6.7	4.8	3.3	2.3	1.3	0.5	1908
16	54.6	54.5	54.4	53.4	50.7	46.3	41.0	28.7	17.9	9.9	5.3	3.8	2.7	1.8	1.1	0.4	2025
17	49.2	49.2	49.0	48.0	45.3	40.9	35.7	23.8	14.1	7.5	4.1	2.9	2.1	1.4	0.8	0.3	1885
18	44.1	44.1	44.0	43.0	40.3	35.9	30.7	19.4	10.8	5.6	3.0	2.1	1.5	1.0	0.5	0.2	1777
19	39.4	39.4	39.2	38.3	35.6	31.2	26.1	15.6	8.2	4.1	2.2	1.5	1.0	0.7	0.3	0.1	1477
20	35.5	35.5	35.3	34.3	31.7	27.4	22.4	12.7	6.3	3.1	1.5	1.0	0.7	0.4	0.2	0.1	1480
21	31.5	31.5	31.4	30.4	27.7	23.5	18.8	10.0	4.7	2.2	1.0	0.6	0.4	0.3	0.1	0.0	1358
22	27.9	27.9	27.8	26.8	24.1	20.0	15.5	7.7	3.4	1.6	0.7	0.4	0.3	0.2	0.1	0.0	1254
23	24.6	24.6	24.4	23.4	20.8	16.8	12.6	5.7	2.4	1.1	0.4	0.3	0.2	0.1	0.0	0.0	1152
24	21.5	21.5	21.3	20.4	17.8	14.0	10.1	4.3	1.7	0.8	0.3	0.2	0.1	0.0	0.0	0.0	1117
25	18.5	18.5	18.4	17.4	14.9	11.3	7.9	3.0	1.1	0.4	0.1	0.1	0.0	0.0	0.0	0.0	937
26	16.0	16.0	15.9	14.9	12.5	9.1	6.1	2.2	0.8	0.3	0.1	0.0	0.0	0.0	0.0	0.0	906
27	13.6	13.6	13.5	12.5	10.2	7.2	4.6	1.5	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	862
28	11.3	11.3	11.2	10.2	8.1	5.4	3.3	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	724
29	9.4	9.4	9.3	8.4	6.4	4.1	2.3	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	598
30	7.8	7.8	7.7	6.8	5.0	3.1	1.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	522
31	6.4	6.4	6.3	5.5	3.8	2.2	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	510
32	5.1	5.1	4.9	4.2	2.7	1.5	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	448
33	3.9	3.9	3.7	3.1	1.9	0.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	401
34	2.8	2.8	2.7	2.1	1.2	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	269
35	2.1	2.1	2.0	1.5	0.8	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	214
36	1.5	1.5	1.4	1.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	166
37	1.1	1.1	1.0	0.6	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	136
38	0.7	0.7	0.6	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	103
39	0.4	0.4	0.4	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	64
40	0.3	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45
41	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30
42	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16
43	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3
44	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2
45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
52	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
NUMBER OF READINGS	3	59	371	1009	1650	2000	4790	5097	5259	4908	2279	2137	2153	2271	2431	1129	37546

TABLE 23

STATION:- ONSLOW AERO.

BUREAU OF METEOROLOGY NUMBER:- 05017

LATITUDE:- 21 40 E

LONGITUDE:- 115 07 S

ELEVATION:- 3m AMSL

PERIOD OF RECORD:- 1/ 1/1962 TO 28/ 2/1975

TABLE OF MISSING READINGS

TIME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0000	190	202	233	193	202	249	212	244	199	204	235	221	2584
0300	193	183	213	171	192	230	202	239	193	180	230	199	2425
0600	10	7	4	3	8	7	6	8	0	2	3	2	60
0900	2	1	3	1	7	0	4	1	0	0	1	1	21
1200	4	1	2	0	4	4	0	3	0	0	2	1	21
1500	6	0	1	0	1	0	1	3	0	0	5	2	19
1800	32	8	9	1	25	4	2	17	4	0	25	9	136
2100	401	360	372	360	369	359	372	372	360	372	360	372	4429
TOTAL	838	762	837	729	808	853	799	887	756	758	861	807	9695

STATION: - ONSLOW AERO.

TABLE 23(a)

PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURES

TEMPERATURE (C)	MONTH												CUMULATIVE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	ABOVE 100.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.1	99.9
10	0.0	0.0	0.0	0.0	0.0	0.5	1.5	0.6	0.0	0.0	0.0	0.0	0.2	99.7
11	0.0	0.0	0.0	0.0	0.0	1.4	2.6	1.3	0.4	0.0	0.0	0.0	0.5	99.2
12	0.0	0.0	0.0	0.0	0.3	2.2	3.3	2.9	0.7	0.0	0.0	0.0	0.8	98.5
13	0.0	0.0	0.0	0.0	0.6	2.9	4.0	3.7	1.9	0.4	0.0	0.0	1.1	97.4
14	0.0	0.0	0.0	0.0	1.4	4.2	4.8	5.3	3.9	0.7	0.0	0.0	1.7	95.7
15	0.0	0.0	0.0	0.0	2.9	4.9	5.2	4.9	4.5	1.1	0.1	0.0	1.9	93.8
16	0.0	0.0	0.0	0.3	3.4	5.1	5.6	5.2	5.9	2.7	0.9	0.0	2.4	91.4
17	0.0	0.0	0.0	0.8	3.7	6.1	6.9	5.7	4.6	3.8	1.2	0.1	2.7	88.7
18	0.0	0.0	0.0	1.5	5.0	7.8	7.0	6.3	4.0	5.2	2.8	0.2	3.3	85.4
19	0.0	0.0	0.1	2.6	6.5	6.5	7.2	5.5	4.1	5.2	3.9	1.2	3.5	81.9
20	0.4	0.0	0.2	3.7	5.5	7.7	7.8	7.0	3.9	4.7	4.7	2.3	3.9	78.0
21	1.0	0.1	1.2	4.5	7.4	7.7	7.1	7.9	5.5	4.2	4.9	2.3	4.4	73.5
22	2.0	1.0	2.6	5.3	7.7	8.3	7.0	7.6	6.2	4.8	4.0	3.7	5.0	68.6
23	2.8	1.9	3.1	5.3	8.3	9.5	8.3	7.5	6.5	5.3	4.2	4.6	5.6	63.0
24	3.5	3.1	4.3	5.9	6.3	8.1	6.8	6.7	6.6	5.7	5.1	4.5	5.5	57.5
25	5.2	5.4	6.0	6.6	8.2	6.0	6.5	7.3	7.3	6.4	5.7	4.7	6.3	51.2
26	6.5	8.4	6.5	7.0	5.6	5.3	4.1	5.4	6.9	7.5	5.8	5.9	6.2	45.0
27	8.8	7.6	6.5	7.2	7.1	2.8	2.4	4.1	7.1	7.2	7.3	7.5	6.3	38.6
28	7.0	7.5	6.7	8.3	6.0	1.7	0.6	2.5	6.0	6.9	7.7	7.3	5.7	32.9
29	7.7	8.1	7.7	8.5	4.7	0.9	0.4	1.5	3.7	4.8	8.2	7.7	5.4	27.5
30	9.0	9.1	7.4	5.8	3.3	0.3	0.0	0.6	3.2	4.6	5.6	8.2	4.8	22.7
31	9.7	9.2	8.9	7.0	2.5	0.0	0.0	0.4	2.7	4.9	5.4	6.3	4.8	17.9
32	9.0	8.6	8.7	6.5	1.6	0.0	0.0	0.0	1.8	3.9	5.6	6.8	4.5	13.4
33	7.2	7.3	7.0	5.2	1.2	0.0	0.0	0.0	1.3	3.2	3.9	6.9	3.7	9.8
34	4.6	5.1	5.3	4.0	0.5	0.0	0.0	0.0	0.7	1.6	3.3	4.1	2.5	7.3
35	3.6	4.2	5.9	1.3	0.2	0.0	0.0	0.0	0.3	1.5	2.6	3.4	2.0	5.3
36	2.9	3.6	4.0	1.4	0.0	0.0	0.0	0.0	0.1	1.3	2.2	3.5	1.6	3.7
37	2.1	2.7	2.4	0.7	0.0	0.0	0.0	0.0	0.0	0.7	1.9	3.2	1.2	2.6
38	2.1	1.9	2.1	0.3	0.0	0.0	0.0	0.0	0.0	0.7	0.8	2.2	0.9	1.7
39	1.1	1.7	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.6	1.2	0.6	1.1
40	0.9	1.2	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.3	0.7	0.6	0.4	0.8
41	0.7	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.8	0.3	0.5
42	0.5	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.6	0.2	0.3
43	0.6	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.1	0.1
44	0.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1
45	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NUMBER OF READINGS	2386	2166	2139	2151	2144	2019	2177	2089	2124	2218	2019	2169	25801	

STATION: - ONSLOW AERO.

TABLE 23(b)

CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURES  
PERCENTAGE OF READINGS AT OR ABOVE GIVEN TEMPERATURE  
MONTH

TEMPERATURE (C)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
9	100.0	100.0	100.0	100.0	100.0	100.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0
10	100.0	100.0	100.0	100.0	100.0	100.0	99.2	99.9	100.0	100.0	100.0	100.0	99.9
11	100.0	100.0	100.0	100.0	100.0	99.4	97.7	99.2	100.0	100.0	100.0	100.0	99.7
12	100.0	100.0	100.0	100.0	100.0	98.0	95.1	97.9	99.6	100.0	100.0	100.0	99.2
13	100.0	100.0	100.0	100.0	99.7	95.8	91.8	95.1	98.9	100.0	100.0	100.0	98.5
14	100.0	100.0	100.0	100.0	99.1	92.9	87.9	91.4	97.0	99.5	100.0	100.0	97.4
15	100.0	100.0	100.0	100.0	97.7	88.7	83.1	86.1	93.1	98.8	100.0	100.0	95.7
16	100.0	100.0	100.0	100.0	94.8	83.8	77.8	81.2	88.6	97.7	99.9	100.0	93.8
17	100.0	100.0	100.0	99.7	91.4	78.8	72.2	76.0	82.7	95.0	98.9	100.0	91.4
18	100.0	100.0	100.0	98.9	87.7	72.6	65.3	70.3	78.1	91.2	97.7	99.9	88.7
19	100.0	100.0	100.0	97.4	82.6	64.8	58.3	64.0	74.1	86.0	94.9	99.7	85.4
20	100.0	100.0	99.9	94.8	76.1	58.3	51.1	58.5	70.0	80.7	91.0	98.5	81.9
21	99.6	100.0	99.7	91.1	70.7	50.7	43.4	51.5	66.1	76.1	86.3	96.2	78.0
22	98.5	99.9	98.5	86.6	63.2	43.0	36.2	43.6	60.6	71.8	81.4	93.9	73.5
23	96.5	98.9	95.9	81.3	55.6	34.7	29.3	36.0	54.4	67.0	77.5	90.2	68.6
24	93.8	97.0	92.8	76.0	47.2	25.3	20.9	28.4	47.9	61.8	73.3	85.7	63.0
25	90.2	93.9	88.5	70.1	40.9	17.1	14.1	21.8	41.3	56.1	68.2	81.2	57.5
26	85.1	88.6	82.5	63.5	32.6	11.1	7.6	14.5	34.0	49.7	62.5	76.5	51.2
27	78.6	80.2	75.9	56.5	27.1	5.8	3.4	9.1	27.1	42.2	56.7	70.7	45.0
28	69.8	72.6	69.4	49.3	20.0	3.0	1.1	5.0	20.0	35.1	49.4	63.2	38.6
29	62.7	65.1	62.7	41.0	14.0	1.3	0.5	2.5	13.9	28.2	41.7	55.8	32.9
30	55.0	57.0	55.0	32.5	9.3	0.3	0.1	1.0	10.2	23.4	33.5	48.1	27.5
31	46.1	47.9	47.6	26.7	6.0	0.0	0.0	0.4	7.0	18.7	27.9	39.9	22.7
32	36.4	38.7	38.7	19.7	3.5	0.0	0.0	0.0	4.2	13.8	22.5	33.6	17.9
33	27.4	30.1	30.0	13.2	1.9	0.0	0.0	0.0	2.4	9.9	16.9	26.8	13.4
34	20.2	22.8	23.0	8.0	0.7	0.0	0.0	0.0	1.1	6.6	13.0	19.9	9.8
35	15.5	17.6	17.7	4.0	0.2	0.0	0.0	0.0	0.4	5.0	9.7	15.8	7.3
36	11.9	13.4	11.8	2.7	0.0	0.0	0.0	0.0	0.1	3.5	7.0	12.4	5.3
37	9.0	9.8	7.8	1.3	0.0	0.0	0.0	0.0	0.0	2.2	4.8	8.9	3.7
38	6.9	7.1	5.4	0.6	0.0	0.0	0.0	0.0	0.0	1.4	2.9	5.7	2.6
39	4.7	5.2	3.3	0.2	0.0	0.0	0.0	0.0	0.0	0.7	2.1	3.6	1.7
40	3.6	3.6	1.6	0.2	0.0	0.0	0.0	0.0	0.0	0.4	1.4	2.4	1.1
41	2.7	2.4	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.7	1.8	0.8
42	2.0	1.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.0	0.5
43	1.5	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.3
44	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
45	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
46	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NUMBER OF READINGS	2386	2166	2139	2151	2144	2019	2177	2089	2124	2218	2019	2169	25801

STATION: - ONSLOW AERO.

TABLE 23(c)

## PERCENTAGE FREQUENCY DISTRIBUTIONS OF RELATIVE HUMIDITIES

RELATIVE HUMIDITY (%)	MONTH												YEAR	CUMULATIVE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
3-4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
5-6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	100.0	0.0
7-8	0.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.3	0.3	0.2	99.8	0.0
9-10	0.2	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.6	0.3	0.2	99.6	0.2
11-12	0.4	1.9	0.2	0.2	0.0	0.0	0.1	0.0	0.5	0.6	1.6	0.9	0.5	99.0	0.4
13-14	0.5	2.3	0.0	0.1	0.3	0.1	0.4	0.3	0.9	1.4	1.9	0.9	0.8	98.2	1.0
15-16	0.9	1.9	0.3	0.3	0.5	0.0	0.4	0.8	2.1	1.3	2.0	1.1	0.9	97.3	1.8
17-18	0.8	2.6	0.7	0.5	0.6	0.4	0.7	1.1	2.3	1.5	1.7	1.0	1.1	96.1	2.7
19-20	0.5	1.5	0.5	0.7	0.8	0.3	0.9	1.7	2.0	2.0	2.3	1.4	1.2	94.9	3.9
21-22	1.0	1.0	0.9	1.1	1.1	0.6	1.1	2.0	2.4	2.2	1.9	1.0	1.4	93.6	5.1
23-24	1.0	0.8	1.1	1.5	1.6	0.6	1.1	2.3	2.4	2.5	2.0	1.3	1.5	92.1	6.4
25-26	1.0	0.4	1.7	1.7	1.8	0.7	1.2	2.0	2.9	2.7	1.5	1.4	1.6	90.5	7.9
27-28	1.4	1.2	1.3	2.0	1.5	1.5	1.9	2.5	2.8	2.3	2.2	1.6	1.8	88.6	9.5
29-30	1.2	1.0	1.2	1.7	2.1	2.2	1.6	2.3	2.7	1.8	2.7	1.8	1.8	86.8	11.4
31-35	4.0	3.3	3.8	6.6	6.2	5.3	5.5	6.7	8.5	7.0	5.1	5.0	5.6	81.2	13.2
36-40	3.8	3.8	5.5	6.6	5.4	5.8	6.9	7.6	6.6	7.9	6.6	6.5	6.1	75.2	18.8
41-45	5.4	4.3	6.3	7.3	6.1	6.7	7.2	7.1	6.6	7.5	7.4	7.8	6.6	68.5	24.8
46-50	7.2	5.7	6.0	7.6	6.4	6.5	6.6	7.5	8.2	7.9	8.9	9.0	7.3	61.2	31.5
51-55	9.1	6.0	8.1	7.3	6.1	5.8	5.8	5.8	6.2	7.8	8.9	8.5	7.1	54.1	38.8
56-60	8.4	7.3	8.3	8.6	8.0	5.7	6.5	6.4	7.3	6.9	7.8	8.5	7.5	46.6	45.9
61-65	9.4	8.8	9.7	7.5	6.8	6.2	6.5	6.4	6.9	7.6	8.3	9.9	7.9	38.7	53.4
66-70	10.2	10.2	9.7	7.9	7.7	7.8	7.7	8.0	6.3	6.6	6.1	8.3	8.1	30.6	61.3
71-72	3.3	3.6	3.0	3.3	3.2	3.9	3.4	3.0	2.2	2.9	2.8	3.3	3.2	27.5	69.4
73-74	3.4	3.3	3.7	2.4	3.5	4.2	4.0	2.6	2.4	2.3	2.7	2.4	3.1	24.4	72.5
75-76	3.5	3.6	3.4	2.5	3.0	3.9	2.5	2.5	2.1	2.2	2.1	2.9	2.9	21.5	75.6
77-78	3.4	2.6	2.7	3.0	3.1	4.3	4.2	1.8	2.1	2.3	2.1	2.1	2.8	18.7	78.5
79-80	3.0	2.7	3.3	2.3	2.4	3.6	3.2	2.6	2.1	1.7	1.6	2.2	2.6	16.2	81.3
81-82	2.8	2.3	3.2	2.4	3.2	3.6	3.3	2.9	2.3	1.6	1.6	2.7	2.7	13.5	83.8
83-84	2.3	2.5	2.3	2.3	2.8	2.8	2.6	2.0	1.9	1.8	1.5	1.5	2.2	11.3	86.5
85-86	2.4	2.3	2.3	2.6	2.0	3.0	3.0	2.4	1.6	1.1	1.5	2.3	2.2	9.1	88.7
87-88	2.3	2.7	2.2	2.5	2.5	3.2	2.8	2.6	1.7	1.4	1.2	1.2	2.2	6.9	90.9
89-90	2.1	2.7	2.2	1.9	2.8	2.8	2.1	1.6	1.5	1.0	1.0	1.1	1.9	5.0	93.1
91-92	1.9	2.4	2.0	2.2	2.2	2.4	1.3	1.9	0.9	0.6	0.5	0.6	1.6	3.4	95.0
93-94	1.3	1.8	1.5	1.3	2.5	3.0	2.2	1.3	0.8	0.9	1.0	0.3	1.5	1.9	96.6
95-96	1.0	1.2	1.7	1.1	2.0	2.0	1.7	1.3	0.5	0.3	0.3	0.4	1.1	0.8	98.1
97-98	0.4	0.5	1.0	0.7	1.4	0.8	1.2	0.6	0.2	0.3	0.1	0.1	0.6	0.2	99.2
NUMBER OF READINGS	2386	2166	2139	2151	2144	2019	2177	2089	2124	2218	2019	2169	25801		

TABLE 23(d)

STATION: - ONSLOW AERO.

## PERCENTAGE FREQUENCY DISTRIBUTION OF ABSOLUTE HUMIDITIES

DEW POINT (C)	VA FOUR PRESSURE (mbar)	MONTH												YEAR	CUMULATIVE	
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
-8	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.2	0.0	0.0	0.0	99.9	0.0
-7	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	99.9	0.1
-6	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.2	0.1	0.0	0.0	99.8	0.1
-5	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.1	0.0	0.0	0.1	99.8	0.2
-4	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.1	0.0	0.0	0.1	99.7	0.2
-3	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.4	0.3	0.4	0.1	0.0	0.2	99.6	0.3
-2	5.3	0.1	0.0	0.0	0.0	0.0	0.3	0.7	0.7	0.5	0.5	0.5	0.0	0.3	99.3	0.4
-1	5.7	0.0	0.0	0.0	0.2	0.4	0.3	1.0	1.2	0.9	0.8	0.4	0.0	0.4	98.8	0.7
0	6.2	0.0	0.0	0.0	0.0	0.2	0.1	0.6	3.6	3.5	0.4	2.9	0.0	0.9	97.9	1.2
1	6.7	0.0	0.1	0.0	0.1	0.6	0.6	2.0	1.7	1.6	1.0	1.0	0.1	0.7	97.2	2.1
2	7.1	0.1	0.0	0.0	0.3	0.8	1.2	2.8	2.0	2.3	1.2	0.8	0.4	1.0	96.2	2.8
3	7.7	0.1	0.0	0.0	0.1	1.4	2.5	3.2	3.4	2.4	1.5	1.1	0.5	1.3	94.8	3.8
4	8.2	0.1	0.2	0.1	0.6	1.6	1.5	3.3	3.1	3.4	2.3	0.7	0.6	1.5	93.4	5.2
5	8.7	0.0	0.1	0.1	0.4	1.1	1.3	2.3	2.7	2.4	1.5	0.9	0.4	1.1	92.3	6.6
6	9.4	0.4	0.5	0.3	1.3	1.8	3.5	4.5	3.8	3.4	2.6	1.6	0.7	2.0	90.2	7.7
7	10.0	0.5	0.3	0.2	1.6	3.5	4.1	7.4	7.6	5.2	3.6	2.3	0.8	3.1	87.2	9.8
8	10.7	0.4	0.4	0.2	2.3	3.9	6.9	6.8	6.7	6.3	4.5	2.1	1.7	3.5	83.7	12.8
9	11.5	1.1	0.8	0.4	2.7	5.2	8.4	8.9	9.1	7.5	4.5	3.2	1.6	4.4	79.2	16.3
10	12.3	0.6	0.3	0.8	1.8	3.4	4.6	4.4	4.8	5.1	4.1	2.4	1.1	2.8	76.5	20.8
11	13.1	1.0	0.6	1.0	2.8	6.1	8.8	8.8	8.4	8.4	6.1	5.1	2.4	4.9	71.6	23.5
12	14.0	1.6	0.8	1.4	4.5	6.2	9.4	7.2	7.8	8.7	8.0	5.4	2.9	5.3	66.3	28.4
13	15.0	2.6	1.7	1.5	5.5	8.6	8.7	5.7	7.7	8.4	7.1	7.2	4.4	5.7	60.5	33.7
14	16.0	3.4	1.4	3.0	5.6	7.4	7.2	5.6	6.7	6.1	9.6	7.5	4.9	5.7	54.8	39.5
15	17.1	2.1	1.9	1.2	3.3	4.4	4.0	3.7	3.4	4.9	5.7	4.6	3.6	3.6	51.3	45.2
16	18.2	3.9	2.4	4.4	6.8	9.6	5.9	4.5	4.8	5.6	9.7	7.4	6.9	6.0	45.3	48.7
17	19.4	5.7	3.8	5.8	7.8	7.9	5.3	4.9	4.5	4.6	6.9	9.2	7.6	6.2	39.1	54.7
18	20.6	5.4	4.1	5.8	8.1	7.6	5.3	3.5	3.4	4.0	5.3	8.9	8.6	5.8	33.2	60.9
19	22.0	7.3	5.2	7.1	9.6	4.8	3.9	3.8	1.3	2.4	5.2	6.6	10.3	5.7	27.6	66.8
20	23.4	4.9	4.9	5.3	5.1	3.5	1.8	1.9	0.5	1.1	2.3	4.7	6.2	3.5	24.1	72.4
21	24.9	8.3	9.1	10.6	7.8	4.0	2.7	0.7	0.3	0.4	2.2	6.1	9.9	5.2	18.9	75.9
22	26.4	9.8	11.5	10.1	7.9	3.4	1.3	0.2	0.1	0.0	1.5	3.9	8.9	4.9	14.0	81.1
23	28.1	11.7	13.2	12.2	6.6	2.0	0.2	0.1	0.0	0.0	0.5	1.6	7.8	4.7	9.3	86.0
24	29.8	13.5	18.3	13.6	4.6	0.4	0.0	0.0	0.0	0.0	0.0	0.8	4.8	4.7	4.6	90.7
25	31.7	7.3	7.7	6.6	1.4	0.2	0.0	0.0	0.0	0.0	0.0	0.4	1.6	2.1	2.5	95.4
26	33.6	6.5	8.8	5.8	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.7	1.9	0.5	97.5
27	35.6	1.3	1.5	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.1	99.5
28	37.8	0.2	0.4	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	99.9
NUMBER OF READINGS		2386	1970	2139	2151	2144	2019	2177	2089	2124	2218	2019	2169	25605		

NUMBER OF DEW POINTS GREATER THAN 38C 0  
 NUMBER OF DEW POINTS LESS THAN -15C 0

STATION: - ONSLOW AERO.

TABLE 23(e)

## DOUBLE CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION FOR TEMPERATURE AND RELATIVE HUMIDITY

TEMPERATURE (C)	PERCENTAGE OF READINGS AT OR ABOVE GIVEN CONDITIONS																NUMBER OF READINGS
	RELATIVE HUMIDITY (%)																
	0	5	10	15	20	25	30	40	50	60	70	75	80	85	90	95	
8	100.0	100.0	99.5	97.8	94.9	91.2	86.8	75.2	61.2	46.6	30.6	23.0	16.2	10.2	5.0	1.3	3
9	100.0	100.0	99.5	97.8	94.9	91.2	86.8	75.1	61.2	46.6	30.6	23.0	16.2	10.2	5.0	1.3	18
10	99.9	99.9	99.5	97.7	94.8	91.1	86.7	75.1	61.1	46.5	30.6	22.9	16.1	10.2	5.0	1.3	58
11	99.7	99.7	99.2	97.5	94.6	90.9	86.5	74.8	60.9	46.3	30.5	22.8	16.1	10.2	5.0	1.3	121
12	99.2	99.2	98.8	97.0	94.2	90.4	86.0	74.4	60.5	46.0	30.2	22.7	15.9	10.1	5.0	1.3	197
13	98.5	98.4	98.0	96.3	93.4	89.6	85.3	73.6	59.8	45.4	29.7	22.3	15.7	9.9	4.9	1.3	282
14	97.4	97.3	96.9	95.2	92.3	88.5	84.2	72.6	58.8	44.4	29.0	21.7	15.3	9.7	4.9	1.3	430
15	95.7	95.7	95.2	93.5	90.6	86.9	82.5	70.9	57.3	43.1	28.0	20.9	14.7	9.4	4.8	1.3	502
16	93.8	93.7	93.3	91.6	88.7	84.9	80.6	69.0	55.5	41.6	26.8	20.0	14.1	9.1	4.6	1.3	617
17	91.4	91.3	90.9	89.2	86.3	82.5	78.2	66.8	53.4	39.8	25.4	18.9	13.3	8.6	4.4	1.2	699
18	88.7	88.6	88.2	86.5	83.6	79.9	75.5	64.2	51.1	37.8	24.0	17.8	12.5	8.0	4.1	1.1	842
19	85.4	85.4	84.9	83.2	80.3	76.6	72.3	61.2	48.3	35.4	22.3	16.5	11.6	7.4	3.7	1.0	909
20	81.9	81.8	81.4	79.7	76.8	73.1	68.9	57.9	45.4	32.9	20.4	15.0	10.4	6.6	3.3	0.9	1010
21	78.0	77.9	77.5	75.8	72.9	69.2	65.1	54.3	42.1	30.2	18.4	13.4	9.2	5.8	2.8	0.7	1143
22	73.5	73.5	73.1	71.3	68.5	64.9	60.8	50.3	38.6	27.4	16.2	11.7	8.0	5.0	2.3	0.6	1279
23	68.6	68.5	68.1	66.4	63.6	60.1	56.2	46.0	35.0	24.4	14.2	10.0	6.8	4.2	1.9	0.5	1434
24	63.0	63.0	62.6	60.9	58.1	54.7	51.0	41.5	31.3	21.6	12.2	8.5	5.6	3.5	1.6	0.4	1424
25	57.5	57.5	57.0	55.4	52.7	49.5	46.0	37.3	27.9	19.0	10.4	7.2	4.7	2.8	1.3	0.3	1616
26	51.2	51.2	50.8	49.1	46.7	43.7	40.5	32.6	24.1	16.0	8.4	5.7	3.5	2.0	0.9	0.1	1610
27	45.0	45.0	44.5	42.9	40.7	37.9	35.0	27.8	20.3	13.1	6.3	3.9	2.1	1.0	0.3	0.0	1636
28	38.6	38.6	38.2	36.6	34.7	32.2	29.5	23.1	16.5	10.2	4.5	2.5	1.1	0.4	0.1	0.0	1477
29	32.9	32.9	32.5	30.9	29.2	27.0	24.6	19.0	13.2	7.8	3.0	1.4	0.4	0.1	0.0	0.0	1386
30	27.5	27.5	27.1	25.7	24.2	22.1	20.0	15.2	10.2	5.7	1.8	0.7	0.1	0.0	0.0	0.0	1247
31	22.7	22.7	22.3	21.0	19.6	17.8	15.9	11.6	7.4	3.6	0.8	0.3	0.0	0.0	0.0	0.0	1247
32	17.9	17.9	17.5	16.3	15.1	13.5	11.8	8.3	4.8	2.0	0.3	0.1	0.0	0.0	0.0	0.0	1151
33	13.4	13.4	13.0	12.1	10.9	9.5	8.1	5.3	2.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0	945
34	9.8	9.7	9.4	8.6	7.5	6.4	5.2	3.1	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	637
35	7.3	7.3	6.9	6.2	5.3	4.4	3.4	1.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	504
36	5.3	5.3	5.0	4.4	3.6	2.8	2.0	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	417
37	3.7	3.7	3.4	2.9	2.3	1.7	1.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	298
38	2.6	2.6	2.3	1.9	1.4	0.9	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	224
39	1.7	1.7	1.5	1.1	0.7	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	146
40	1.1	1.1	0.9	0.7	0.4	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	96
41	0.8	0.8	0.6	0.4	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75
42	0.5	0.5	0.4	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47
43	0.3	0.3	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37
44	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21
45	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9
46	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6
NUMBER OF READINGS	4	112	449	742	969	1129	3005	3595	3780	4112	1977	1758	1537	1336	951	345	25801

TABLE 24

STATION:- OODNADATTA M.O.

BUREAU OF METEOROLOGY NUMBER:- 17043

LATITUDE:- 27 33 E

LONGITUDE:- 135 28 S

ELEVATION:- 112m AMSL

PERIOD OF RECORD:- 1/ 1/1962 TO 31/12/1977

TABLE OF MISSING READINGS

TIME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0000	453	415	455	443	456	441	457	456	445	460	441	459	5381
0300	18	16	37	33	29	4	14	22	25	40	10	15	263
0600	11	13	32	31	28	6	9	18	15	9	6	5	183
0900	0	1	31	30	2	1	0	3	4	4	30	31	137
1200	1	3	31	31	4	0	0	1	1	8	3	3	86
1500	9	16	35	31	4	0	1	1	1	5	30	33	166
1800	255	229	257	249	258	249	262	268	259	275	268	271	3100
2100	313	286	314	302	331	290	316	332	316	324	311	320	3755
TOTAL	1060	979	1192	1150	1112	991	1059	1101	1066	1125	1099	1137	13071

STATION: - OODNADATTA M.O.

TABLE 24(a)

## PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURES

TEMPERATURE (C)	MONTH												CUMULATIVE		
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	ABOVE	BELOW
0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
1	0.0	0.0	0.0	0.0	0.0	0.4	0.6	0.0	0.0	0.0	0.0	0.0	0.1	99.9	0.0
2	0.0	0.0	0.0	0.0	0.0	0.7	1.2	0.5	0.0	0.0	0.0	0.0	0.2	99.7	0.1
3	0.0	0.0	0.0	0.0	0.1	1.7	2.0	1.0	0.1	0.0	0.0	0.0	0.4	99.3	0.3
4	0.0	0.0	0.0	0.0	0.2	2.9	2.8	1.7	0.1	0.0	0.0	0.0	0.7	98.6	0.7
5	0.0	0.0	0.0	0.0	1.0	3.1	3.9	2.5	0.2	0.0	0.0	0.0	0.9	97.7	1.4
6	0.0	0.0	0.0	0.0	1.4	4.1	5.0	3.1	0.7	0.0	0.0	0.0	1.2	96.5	2.3
7	0.0	0.0	0.0	0.1	2.6	4.8	5.4	4.2	1.8	0.0	0.0	0.0	1.6	94.8	3.5
8	0.0	0.0	0.0	0.2	3.1	5.0	5.9	4.4	2.4	0.3	0.0	0.0	1.8	93.0	5.2
9	0.0	0.0	0.0	1.0	3.6	5.6	4.7	4.8	3.1	0.8	0.0	0.0	2.0	91.0	7.0
10	0.0	0.0	0.0	1.2	4.3	4.8	4.7	4.4	3.1	1.1	0.0	0.0	2.0	89.0	9.0
11	0.0	0.0	0.1	1.9	5.2	4.1	5.2	5.4	3.5	1.9	0.3	0.0	2.3	86.7	11.0
12	0.1	0.0	0.2	2.7	5.8	5.0	5.0	5.3	4.7	2.3	0.5	0.0	2.7	84.0	13.3
13	0.0	0.0	0.6	4.0	4.9	5.9	4.8	5.6	4.4	2.5	1.4	0.0	2.9	81.2	16.0
14	0.1	0.0	0.7	4.1	5.1	6.4	5.1	5.3	5.1	3.0	1.2	0.2	3.1	78.1	18.8
15	0.1	0.2	1.2	4.0	5.1	5.8	5.3	5.7	4.5	3.2	2.7	0.6	3.2	74.9	21.9
16	0.2	0.6	1.9	5.5	5.8	6.6	6.8	6.1	5.2	4.3	3.6	1.1	4.0	70.9	25.1
17	0.7	1.0	2.5	4.8	6.5	7.2	7.3	6.3	5.6	3.9	3.4	1.7	4.3	66.6	29.1
18	1.5	1.9	3.3	5.4	6.7	6.7	5.6	6.1	6.2	4.6	3.9	3.3	4.6	62.0	33.4
19	2.1	1.6	3.4	4.9	6.7	5.4	5.1	4.8	6.0	4.9	3.2	2.8	4.2	57.8	38.0
20	2.9	2.9	3.8	4.4	5.3	3.6	3.8	4.7	5.9	4.2	4.5	3.8	4.2	53.6	42.2
21	3.8	3.5	4.4	5.6	5.6	3.2	3.3	4.1	5.7	5.3	4.2	4.0	4.4	49.2	46.4
22	3.7	3.9	6.4	6.2	4.2	2.4	1.9	3.2	5.2	4.6	5.1	4.5	4.2	45.0	50.8
23	4.0	4.2	5.2	5.4	3.8	1.9	1.2	2.6	3.9	5.4	5.6	4.9	4.0	41.0	55.0
24	4.7	4.4	6.1	5.3	3.0	0.9	1.2	2.4	4.1	4.4	5.5	4.5	3.8	37.2	59.0
25	4.2	5.0	4.9	4.2	2.8	0.6	0.6	1.1	3.2	4.8	5.1	4.8	3.4	33.8	62.8
26	4.6	6.1	5.3	5.3	2.1	0.4	0.4	1.2	2.8	5.2	5.5	4.5	3.6	30.2	66.2
27	4.9	5.2	6.3	3.6	1.6	0.3	0.3	1.1	2.8	4.7	4.8	5.6	3.4	26.8	69.8
28	5.8	5.1	3.9	4.3	1.6	0.2	0.3	0.6	2.3	4.2	5.5	5.5	3.2	23.6	73.2
29	4.9	5.3	5.2	3.4	0.8	0.0	0.2	0.5	2.1	4.0	4.4	5.2	3.0	20.6	76.4
30	4.6	5.0	4.4	3.3	0.6	0.1	0.0	0.6	1.4	3.5	4.3	4.5	2.7	17.9	79.4
31	5.3	5.1	4.2	2.3	0.2	0.0	0.2	0.3	1.2	3.0	3.9	4.4	2.5	15.5	82.1
32	5.1	5.3	4.2	2.6	0.1	0.0	0.0	0.3	0.6	2.9	3.3	5.4	2.5	13.0	84.5
33	5.2	4.3	4.9	1.4	0.0	0.0	0.0	0.1	0.8	2.2	3.7	4.7	2.3	10.7	87.0
34	4.4	4.8	4.3	1.0	0.0	0.0	0.0	0.1	0.5	2.0	2.3	5.0	2.0	8.7	89.3
35	3.9	3.7	3.9	1.0	0.0	0.0	0.0	0.0	0.2	1.8	2.6	3.1	1.7	7.1	91.3
36	4.1	4.5	3.2	0.4	0.0	0.0	0.0	0.0	0.2	1.2	2.1	3.7	1.6	5.4	92.9
37	3.9	4.4	2.1	0.3	0.0	0.0	0.0	0.0	0.2	1.0	2.2	2.7	1.4	4.1	94.6
38	4.0	3.2	1.9	0.0	0.0	0.0	0.0	0.0	0.1	1.0	1.6	2.9	1.2	2.8	95.9
39	2.9	2.4	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.0	1.8	0.8	2.0	97.2
40	2.8	2.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.8	1.9	0.7	1.3	98.0
41	1.9	1.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.0	1.1	0.5	0.7	98.7
42	1.9	1.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.9	0.4	0.3	99.3
43	0.8	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.6	0.2	0.1	99.7
44	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.1	99.9
45	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	99.9
NUMBER OF READINGS	2652	2413	2528	2450	2608	2609	2661	2619	2534	2595	2501	2583	30753		

STATION:- OODNADATTA M.O.

TABLE 24(b)

CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURES  
PERCENTAGE OF READINGS AT OR ABOVE GIVEN TEMPERATURE

TEMPERATURE (C)	MONTH												YEAR
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1	100.0	100.0	100.0	100.0	100.0	100.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0
2	100.0	100.0	100.0	100.0	100.0	99.6	99.1	100.0	100.0	100.0	100.0	100.0	99.9
3	100.0	100.0	100.0	100.0	100.0	98.9	97.9	99.5	100.0	100.0	100.0	100.0	99.7
4	100.0	100.0	100.0	100.0	99.9	97.2	95.9	98.5	99.9	100.0	100.0	100.0	99.3
5	100.0	100.0	100.0	100.0	99.7	94.3	93.1	96.9	99.8	100.0	100.0	100.0	98.6
6	100.0	100.0	100.0	100.0	98.8	91.2	89.2	94.4	99.6	100.0	100.0	100.0	97.7
7	100.0	100.0	100.0	100.0	97.4	87.1	84.1	91.3	98.9	100.0	100.0	100.0	96.5
8	100.0	100.0	100.0	99.8	94.7	82.3	78.7	87.1	97.1	99.9	100.0	100.0	94.8
9	100.0	100.0	100.0	99.6	91.6	77.3	72.8	82.7	94.7	99.7	100.0	100.0	93.0
10	100.0	100.0	100.0	98.7	88.0	71.7	68.1	77.9	91.6	98.9	100.0	100.0	91.0
11	100.0	100.0	100.0	97.4	83.6	66.9	63.4	73.5	88.4	97.8	100.0	100.0	89.0
12	100.0	100.0	99.9	95.5	78.4	62.7	58.2	68.2	84.9	95.9	99.6	100.0	86.7
13	99.9	100.0	99.7	92.8	72.6	57.7	53.1	62.8	80.2	93.6	99.2	100.0	84.0
14	99.9	100.0	99.1	88.8	67.7	51.8	48.3	57.2	75.8	91.0	97.8	100.0	81.2
15	99.8	100.0	98.4	84.7	62.6	45.3	43.2	51.9	70.8	88.0	96.6	99.8	78.1
16	99.7	99.8	97.2	80.8	57.5	39.6	37.9	46.2	66.3	84.8	93.2	99.2	74.9
17	99.5	99.2	95.3	75.3	51.6	33.0	31.1	40.1	61.1	80.5	90.3	98.1	70.9
18	98.8	98.2	92.8	70.5	45.2	25.7	23.9	33.8	55.5	76.7	86.9	96.4	66.6
19	97.4	96.3	89.5	65.1	38.4	19.0	18.2	27.8	49.3	72.1	83.0	93.1	62.0
20	95.2	94.7	86.1	60.2	31.7	13.6	13.2	23.0	43.4	67.2	79.8	90.4	57.8
21	92.4	91.8	82.3	55.8	26.4	10.0	9.4	18.3	37.5	63.0	75.2	86.5	53.6
22	88.6	88.3	78.0	50.2	20.8	6.8	6.1	14.2	31.7	57.7	71.1	82.5	49.2
23	84.8	84.4	71.6	44.0	16.6	4.4	4.2	10.9	26.6	53.1	65.9	78.0	45.0
24	80.8	80.2	66.4	38.6	12.8	2.5	3.1	8.3	22.6	47.7	60.3	73.2	41.0
25	76.1	75.8	60.3	33.3	9.9	1.6	1.9	5.9	18.5	43.4	54.8	68.7	37.2
26	71.9	70.8	55.4	29.1	7.1	1.1	1.3	4.7	15.3	38.6	49.7	64.0	33.8
27	67.4	64.8	50.2	23.8	5.0	0.7	0.9	3.6	12.5	33.4	44.2	59.4	30.2
28	62.5	59.6	43.9	20.2	3.3	0.3	0.6	2.4	9.7	28.7	39.4	53.9	26.8
29	56.7	54.5	40.0	15.9	1.7	0.2	0.4	1.9	7.3	24.5	33.9	48.4	23.6
30	51.8	49.2	34.8	12.5	0.9	0.1	0.2	1.4	5.2	20.5	29.5	43.1	20.6
31	47.2	44.3	30.5	9.1	0.3	0.0	0.2	0.8	3.9	17.0	25.2	38.6	17.9
32	41.9	39.2	26.3	6.9	0.1	0.0	0.0	0.5	2.7	13.9	21.3	34.2	15.5
33	36.8	33.8	22.1	4.2	0.0	0.0	0.0	0.2	2.1	11.0	18.0	28.8	13.0
34	31.6	29.5	17.2	2.9	0.0	0.0	0.0	0.2	1.3	8.8	14.3	24.1	10.7
35	27.2	24.7	12.9	1.8	0.0	0.0	0.0	0.0	0.7	6.9	12.0	19.0	8.7
36	23.3	21.0	9.0	0.8	0.0	0.0	0.0	0.0	0.6	5.0	9.4	16.0	7.1
37	19.2	16.5	5.8	0.4	0.0	0.0	0.0	0.0	0.3	3.8	7.4	12.3	5.4
38	15.3	12.1	3.7	0.1	0.0	0.0	0.0	0.0	0.1	2.9	5.1	9.6	4.1
39	11.3	9.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	1.9	3.5	6.7	2.8
40	8.3	6.5	0.9	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.4	4.8	2.0
41	5.6	4.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.6	3.0	1.3
42	3.7	2.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.6	1.9	0.7
43	1.8	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	1.0	0.3
44	0.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1
45	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
46	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NUMBER OF READINGS	2652	2413	2528	2450	2608	2609	2661	2619	2534	2595	2501	2583	30753

STATION: - OODNADATTA M.O.

TABLE 24(c)

PERCENTAGE FREQUENCY DISTRIBUTIONS OF RELATIVE HUMIDITIES

RELATIVE HUMIDITY (%)	MONTH												YEAR	CUMULATIVE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
3-4	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.8	0.3	0.2	0.2	99.8	0.0
5-6	0.8	0.7	0.0	0.0	0.0	0.0	0.0	0.2	0.6	1.5	1.4	0.9	0.5	99.3	0.2
7-8	3.5	1.9	0.9	0.4	0.0	0.0	0.2	0.2	1.0	2.7	3.3	2.9	1.4	97.9	0.7
9-10	5.0	4.2	1.4	0.6	0.0	0.1	0.2	0.5	1.3	3.4	3.9	5.9	2.2	95.7	2.1
11-12	7.2	5.6	2.6	1.1	0.2	0.2	0.3	0.9	2.4	5.1	5.4	7.0	3.2	92.5	4.3
13-14	7.3	6.3	3.8	2.0	0.5	0.2	0.3	1.5	2.5	5.1	5.5	7.4	3.5	89.0	7.5
15-16	6.6	5.2	3.7	3.5	0.8	0.2	0.7	1.7	3.3	5.5	6.0	6.2	3.6	85.4	11.0
17-18	5.9	6.7	5.0	3.6	1.1	0.6	1.1	1.9	3.3	6.2	6.8	7.0	4.1	81.4	14.6
19-20	5.7	4.7	5.0	4.4	1.4	0.5	1.4	2.4	3.9	5.4	6.1	6.1	3.9	77.5	18.6
21-22	5.9	4.7	5.7	4.5	1.8	1.3	2.2	3.5	4.9	5.2	5.5	5.7	4.2	73.3	22.5
23-24	4.2	5.4	6.0	4.6	2.5	2.0	2.6	3.2	4.4	4.6	4.7	5.1	4.1	69.2	26.7
25-26	4.3	4.2	4.7	5.3	2.7	1.7	2.5	3.7	4.9	3.9	5.5	4.3	4.0	65.2	30.8
27-28	3.9	3.6	5.1	4.5	2.9	2.5	3.0	4.2	5.4	4.4	4.6	4.5	4.0	61.2	34.8
29-30	3.8	3.6	4.5	5.3	3.5	2.5	2.8	3.9	4.8	4.2	3.9	3.8	3.9	57.3	38.8
31-35	7.2	9.2	11.4	10.6	10.0	7.7	8.0	10.5	10.0	8.6	7.4	9.1	9.1	48.2	42.7
36-40	6.1	5.7	9.1	10.1	10.7	8.9	9.1	9.8	9.0	7.1	7.4	6.4	8.3	39.9	51.8
41-45	4.5	4.8	7.8	9.0	9.3	8.2	8.9	8.5	6.6	6.6	5.7	4.9	7.1	32.8	60.1
46-50	4.0	5.1	6.5	6.7	8.8	7.6	8.8	7.3	6.5	4.7	3.9	2.8	6.1	26.8	67.2
51-55	2.8	4.5	5.1	6.5	7.9	7.0	7.1	6.8	6.2	3.2	3.7	2.6	5.3	21.5	73.2
56-60	1.7	2.8	4.2	4.7	7.9	7.7	7.6	6.4	5.1	2.6	1.8	1.9	4.5	16.9	78.5
61-65	1.7	2.4	2.2	3.4	6.9	7.3	6.7	5.9	3.0	2.0	1.8	1.0	3.7	13.2	83.1
66-70	1.3	1.7	1.8	2.1	4.5	7.4	5.5	3.7	2.4	1.7	1.1	0.9	2.9	10.3	86.8
71-72	0.5	0.7	0.2	0.9	1.5	2.1	3.0	2.0	0.9	0.4	0.4	0.6	1.1	9.2	89.7
73-74	0.5	0.5	0.2	0.4	1.1	2.1	2.3	1.3	0.7	0.5	0.4	0.5	0.9	8.3	90.8
75-76	0.5	0.2	0.2	0.7	1.8	2.4	1.9	0.9	0.5	0.4	0.4	0.3	0.9	7.5	91.7
77-78	0.5	0.4	0.5	0.6	1.3	2.2	2.0	1.0	0.6	0.2	0.4	0.3	0.8	6.7	92.5
79-80	0.4	0.3	0.2	0.6	1.5	2.0	1.6	0.9	0.5	0.6	0.3	0.2	0.8	5.9	93.3
81-82	0.4	0.6	0.1	0.7	1.3	2.2	1.7	1.2	0.4	0.4	0.2	0.2	0.8	5.1	94.1
83-84	0.5	0.3	0.2	0.4	1.3	2.0	1.4	0.9	0.6	0.3	0.4	0.2	0.7	4.4	94.9
85-86	0.3	0.2	0.4	0.4	1.2	1.9	1.0	0.7	0.8	0.2	0.4	0.2	0.7	3.7	95.6
87-88	0.6	0.3	0.4	0.6	1.2	1.9	1.2	0.7	0.8	0.3	0.3	0.2	0.7	3.0	96.3
89-90	0.4	0.7	0.2	0.5	0.7	1.5	1.2	0.6	0.5	0.4	0.2	0.2	0.6	2.4	97.0
91-92	0.5	0.4	0.2	0.4	1.2	2.0	1.0	0.3	0.6	0.5	0.3	0.1	0.6	1.8	97.6
93-94	0.5	0.5	0.3	0.3	1.2	2.0	1.1	1.1	0.7	0.1	0.3	0.2	0.7	1.1	98.2
95-96	0.3	0.5	0.2	0.2	0.9	1.1	0.9	0.7	0.6	0.4	0.2	0.2	0.5	0.6	98.9
97-98	0.3	0.5	0.0	0.2	0.4	0.7	0.5	0.6	0.2	0.3	0.1	0.0	0.3	0.3	99.4
NUMBER OF READINGS	2652	2413	2528	2450	2608	2609	2660	2619	2534	2595	2501	2583	30752		

TABLE 24(d)

STATION:- OODNADATTA M.O.

## PERCENTAGE FREQUENCY DISTRIBUTION OF ABSOLUTE HUMIDITIES

DEW POINT (C)	VAPOUR PRESSURE (mbar)	MONTH												CUMULATIVE		
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	ABOVE	BELOW
-13	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
-12	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	100.0	0.0
-11	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	100.0	0.0
-10	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	99.9	0.0
-9	3.1	0.7	0.4	0.2	0.1	0.1	0.2	1.0	1.2	2.0	3.3	1.4	0.4	0.9	99.0	0.1
-8	3.3	0.2	0.3	0.1	0.1	0.3	0.1	0.5	1.0	1.0	1.3	0.6	0.4	0.5	98.5	1.0
-7	3.6	0.3	0.4	0.3	0.3	0.4	0.4	0.9	1.1	1.0	1.5	0.9	0.7	0.7	97.8	1.5
-6	3.9	0.5	0.6	0.5	0.4	0.5	0.5	2.1	2.6	2.4	2.5	1.5	0.9	1.3	96.6	2.2
-5	4.3	0.4	0.3	0.4	0.4	0.5	0.2	1.8	1.7	2.2	2.2	1.6	0.9	1.1	95.5	3.4
-4	4.6	1.0	0.8	0.9	0.9	1.3	1.3	3.6	4.7	3.5	3.4	2.9	2.4	2.2	93.3	4.5
-3	4.9	1.5	1.1	1.1	1.7	1.6	2.5	5.6	6.4	4.9	4.7	3.5	3.0	3.2	90.1	6.7
-2	5.3	2.0	1.7	1.9	2.6	2.6	4.3	6.6	7.4	6.2	5.5	4.7	3.9	4.2	85.9	9.9
-1	5.7	3.0	2.3	2.5	3.8	3.6	6.2	8.4	10.2	7.3	7.4	5.3	4.6	5.4	80.5	14.1
0	6.2	3.7	2.9	2.2	2.6	4.1	7.8	6.7	5.9	8.2	4.4	5.4	5.2	4.9	75.6	19.5
1	6.7	4.5	3.4	4.0	7.1	6.4	9.3	9.6	9.2	9.0	7.2	5.4	5.8	6.8	68.8	24.4
2	7.1	5.8	4.1	3.8	8.1	8.9	10.5	9.9	10.7	8.9	7.6	6.5	6.9	7.7	61.1	31.2
3	7.7	6.0	4.5	4.1	11.1	10.3	10.1	8.9	9.1	8.2	6.9	6.5	6.5	7.7	53.4	38.9
4	8.2	6.8	5.3	5.8	10.2	10.9	9.2	8.4	7.9	7.3	6.9	8.0	6.0	7.7	45.6	46.6
5	8.7	3.8	2.8	4.0	6.8	7.2	4.3	4.9	3.4	4.8	5.0	5.4	5.4	4.8	40.8	54.4
6	9.4	7.4	5.7	8.3	9.0	8.0	5.9	6.3	4.5	5.2	5.9	7.2	7.6	6.7	34.1	59.2
7	10.0	7.5	5.8	8.1	7.6	8.1	7.1	4.6	4.2	5.0	5.0	7.2	6.2	6.4	27.7	65.9
8	10.7	6.1	6.1	8.0	6.2	6.4	4.6	3.6	2.1	3.1	4.0	5.4	5.9	5.1	22.6	72.3
9	11.5	5.2	6.4	7.0	4.1	5.5	4.3	2.3	2.0	1.9	3.1	4.6	4.5	4.2	18.4	77.4
10	12.3	2.9	3.7	4.9	2.6	2.8	2.0	1.1	1.1	1.5	1.6	2.6	3.2	2.5	16.0	81.6
11	13.1	3.5	5.7	6.9	2.9	3.0	2.6	1.2	1.1	1.1	2.1	2.7	3.7	3.0	12.9	84.0
12	14.0	3.6	5.3	5.7	2.9	1.6	2.5	0.7	1.1	0.8	1.3	2.9	3.2	2.6	10.4	87.1
13	15.0	3.2	4.7	4.2	2.1	1.5	2.0	0.3	0.8	1.0	1.6	2.0	2.4	2.1	8.2	89.6
14	16.0	2.6	4.1	3.4	1.6	1.2	1.2	0.7	0.3	1.0	1.7	1.4	2.0	1.7	6.5	91.8
15	17.1	1.9	2.7	2.4	1.1	0.8	0.5	0.2	0.2	0.6	0.8	1.1	1.3	1.1	5.4	93.5
16	18.2	2.6	4.1	2.3	1.1	1.0	0.1	0.0	0.2	0.7	1.2	0.9	1.9	1.3	4.1	94.6
17	19.4	2.4	3.3	2.3	0.8	0.7	0.2	0.1	0.0	0.6	0.9	1.1	1.3	1.1	3.0	95.9
18	20.6	2.3	2.7	1.9	0.8	0.5	0.0	0.0	0.0	0.2	0.6	0.7	1.1	0.9	2.1	97.0
19	22.0	2.4	2.6	0.9	0.7	0.2	0.0	0.0	0.0	0.2	0.2	0.5	0.8	0.7	1.4	97.9
20	23.4	1.2	2.3	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.6	0.4	1.0	98.6
21	24.9	1.9	1.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	0.4	0.6	99.0
22	26.4	1.0	1.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.3	0.3	99.4
23	28.1	0.6	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	99.7
24	29.8	0.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	99.8
25	31.7	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	99.9
NUMBER OF READINGS		2500	2265	2528	2450	2608	2497	2660	2619	2413	2595	2370	2465	29970		

NUMBER OF DEW POINTS GREATER THAN 38C 0  
NUMBER OF DEW POINTS LESS THAN -15C 1

STATION:- OODNADATTA M.O.

TABLE 24(e)

DOUBLE CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION FOR TEMPERATURE AND RELATIVE HUMIDITY

TEMPERATURE (C)	PERCENTAGE OF READINGS AT OR ABOVE GIVEN CONDITIONS																NUMBER OF READINGS
	RELATIVE HUMIDITY (%)																
	0	5	10	15	20	25	30	40	50	60	70	75	80	85	90	95	
0	100.0	99.6	95.7	87.3	77.5	67.1	57.3	39.9	26.8	16.9	10.3	7.9	5.9	4.1	2.4	0.8	7
1	100.0	99.6	95.6	87.2	77.4	67.1	57.3	39.9	26.8	16.9	10.3	7.9	5.9	4.1	2.4	0.8	27
2	99.9	99.5	95.6	87.2	77.4	67.0	57.2	39.8	26.7	16.8	10.3	7.9	5.8	4.1	2.4	0.8	63
3	99.7	99.3	95.4	87.0	77.1	66.8	57.0	39.6	26.5	16.7	10.2	7.8	5.8	4.1	2.4	0.8	127
4	99.3	98.9	94.9	86.5	76.7	66.4	56.6	39.2	26.1	16.4	9.9	7.6	5.7	4.0	2.4	0.8	201
5	98.6	98.2	94.3	85.9	76.1	65.7	55.9	38.5	25.5	15.9	9.6	7.4	5.6	3.9	2.3	0.8	282
6	97.7	97.3	93.4	85.0	75.2	64.8	55.0	37.6	24.6	15.2	9.2	7.1	5.4	3.8	2.3	0.8	378
7	96.5	96.1	92.1	83.7	73.9	63.6	53.8	36.4	23.6	14.4	8.7	6.7	5.1	3.7	2.2	0.8	498
8	94.8	94.5	90.5	82.1	72.3	61.9	52.2	34.9	22.1	13.4	8.1	6.3	4.8	3.5	2.1	0.7	556
9	93.0	92.7	88.7	80.3	70.5	60.1	50.4	33.1	20.7	12.4	7.5	5.8	4.5	3.2	1.9	0.7	616
10	91.0	90.7	86.7	78.3	68.5	58.1	48.4	31.3	19.1	11.3	6.8	5.3	4.1	3.0	1.8	0.7	617
11	89.0	88.6	84.7	76.3	66.5	56.1	46.4	29.4	17.6	10.3	6.2	4.8	3.8	2.8	1.7	0.6	719
12	86.7	86.3	82.4	74.0	64.2	53.8	44.1	27.3	16.0	9.3	5.6	4.4	3.4	2.5	1.6	0.6	821
13	84.0	83.6	79.7	71.3	61.5	51.2	41.5	25.0	14.4	8.2	5.0	3.9	3.1	2.3	1.4	0.5	880
14	81.2	80.8	76.8	68.4	58.6	48.3	38.8	22.8	12.9	7.4	4.5	3.5	2.8	2.0	1.2	0.5	942
15	78.1	77.7	73.8	65.4	55.6	45.3	35.9	20.6	11.4	6.4	3.9	3.1	2.4	1.8	1.1	0.4	990
16	74.9	74.5	70.6	62.2	52.4	42.2	32.9	18.4	10.0	5.6	3.5	2.7	2.1	1.5	0.9	0.3	1225
17	70.9	70.5	66.6	58.2	48.4	38.4	29.4	16.0	8.7	4.9	2.9	2.3	1.8	1.3	0.8	0.3	1310
18	66.6	66.3	62.3	53.9	44.2	34.4	25.8	13.8	7.5	4.2	2.5	2.0	1.6	1.1	0.7	0.3	1417
19	62.0	61.6	57.7	49.4	39.7	30.2	22.3	11.7	6.4	3.7	2.2	1.7	1.3	0.9	0.6	0.2	1306
20	57.8	57.4	53.5	45.2	35.7	26.5	19.2	9.9	5.5	3.1	1.8	1.4	1.1	0.8	0.5	0.2	1277
21	53.6	53.2	49.3	41.0	31.7	23.0	16.5	8.4	4.7	2.7	1.5	1.1	0.8	0.6	0.4	0.1	1348
22	49.2	48.9	44.9	36.7	27.7	19.7	13.9	7.0	3.9	2.2	1.2	0.9	0.6	0.4	0.3	0.1	1307
23	45.0	44.6	40.7	32.6	23.9	16.7	11.6	5.6	3.1	1.7	0.9	0.6	0.4	0.3	0.2	0.1	1225
24	41.0	40.6	36.7	28.8	20.5	14.1	9.6	4.5	2.5	1.3	0.6	0.4	0.3	0.2	0.1	0.1	1179
25	37.2	36.8	33.0	25.2	17.4	11.6	7.7	3.6	1.9	0.9	0.5	0.3	0.2	0.1	0.1	0.1	1047
26	33.8	33.4	29.6	22.0	14.7	9.5	6.1	2.7	1.3	0.6	0.3	0.2	0.1	0.1	0.0	0.0	1096
27	30.2	29.8	26.1	18.8	12.2	7.5	4.8	2.0	0.9	0.4	0.1	0.1	0.0	0.0	0.0	0.0	1047
28	26.8	26.4	22.8	15.8	9.9	5.9	3.7	1.4	0.6	0.2	0.1	0.0	0.0	0.0	0.0	0.0	997
29	23.6	23.2	19.6	13.1	8.0	4.6	2.8	1.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	914
30	20.6	20.2	16.7	10.8	6.3	3.5	2.1	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	820
31	17.9	17.6	14.2	8.8	5.0	2.7	1.5	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	760
32	15.5	15.1	11.9	7.2	3.8	2.0	1.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	760
33	13.0	12.7	9.7	5.5	2.9	1.4	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	693
34	10.7	10.4	7.7	4.2	2.1	0.9	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	619
35	8.7	8.5	5.9	3.1	1.5	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	512
36	7.1	6.8	4.5	2.2	1.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	497
37	5.4	5.2	3.3	1.5	0.6	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	426
38	4.1	3.9	2.4	1.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	376
39	2.8	2.7	1.5	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	256
40	2.0	1.9	1.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	223
41	1.3	1.2	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	162
42	0.7	0.7	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	122
43	0.3	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	61
44	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30
45	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12
46	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4
NUMBER OF READINGS	118	1213	2583	3016	3191	3011	5349	4037	3026	2028	751	620	546	520	486	258	30753

TABLE 25

STATION:- PERTH -GUILDFORD M.O.

BUREAU OF METEOROLOGY NUMBER:- 09021

LATITUDE:- 3155 E

LONGITUDE:- 115 58 S

ELEVATION:- 17m AMSL

PERIOD OF RECORD:- 1/ 1/1963 TO 31/12/1977

TABLE OF MISSING READINGS

TIME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0000	0	2	36	4	19	23	37	20	7	6	1	0	155
0300	1	4	35	20	33	41	49	44	31	13	5	3	279
0600	5	6	41	26	34	43	54	44	37	35	8	2	335
0900	0	0	1	2	11	16	21	8	4	0	1	0	64
1200	1	1	32	0	4	1	2	0	0	0	0	0	41
1500	0	0	1	0	2	0	2	0	1	1	0	1	8
1800	0	0	31	1	5	7	4	1	0	4	0	0	53
2100	62	57	94	61	71	67	81	69	44	34	30	31	701
TOTAL	69	70	271	114	179	198	250	186	124	93	45	37	1636

STATION: - PERTH -GUILDFORD M.O.

TABLE 25(a)

## PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURES

TEMPERATURE (C)	MONTH												CUMULATIVE		
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	ABOVE	BELOW
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
2	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	100.0	0.0
3	0.0	0.0	0.0	0.0	0.2	0.2	0.3	0.4	0.1	0.0	0.0	0.0	0.1	99.9	0.0
4	0.0	0.0	0.0	0.1	0.4	0.5	0.5	0.8	0.2	0.2	0.0	0.0	0.2	99.6	0.1
5	0.0	0.0	0.0	0.1	0.5	0.6	0.9	1.2	0.6	0.4	0.0	0.0	0.4	99.3	0.4
6	0.0	0.0	0.0	0.2	0.6	1.1	1.5	1.5	1.5	0.7	0.1	0.0	0.6	98.7	0.7
7	0.0	0.0	0.0	0.2	1.2	2.0	2.9	2.9	2.7	1.0	0.3	0.0	1.1	97.6	1.3
8	0.0	0.0	0.1	0.4	2.5	2.8	3.0	4.8	3.6	1.9	0.8	0.0	1.6	96.0	2.4
9	0.0	0.0	0.2	1.4	3.2	4.1	6.9	6.7	4.5	2.7	1.3	0.2	2.6	93.4	4.0
10	0.1	0.1	0.3	1.5	3.7	5.9	7.8	7.8	6.1	3.7	2.0	0.4	3.3	90.1	6.6
11	0.1	0.1	0.6	2.6	5.3	6.8	10.2	9.5	7.0	4.0	2.1	1.1	4.1	86.0	9.9
12	0.6	0.5	1.0	2.8	6.7	10.2	9.3	9.7	9.6	6.2	4.1	1.3	5.1	80.8	14.0
13	0.9	0.5	1.3	4.2	8.0	10.9	11.4	9.8	10.3	7.1	4.8	2.0	5.9	74.9	19.2
14	1.7	1.1	2.3	5.9	8.4	11.2	10.8	10.7	10.1	8.0	5.9	2.7	6.6	68.4	25.1
15	2.3	1.6	3.2	6.2	8.9	11.3	10.4	9.0	8.7	8.5	6.5	3.7	6.7	61.7	31.6
16	3.0	2.8	4.2	8.3	9.5	10.5	8.3	8.9	8.9	8.9	7.7	4.8	7.2	54.5	38.3
17	4.0	3.2	6.3	9.4	9.4	7.6	7.1	6.5	7.7	9.0	8.0	5.3	7.0	47.6	45.5
18	5.5	4.2	6.3	9.0	8.4	5.7	4.2	4.6	6.3	8.1	7.7	6.6	6.4	41.1	52.4
19	6.4	6.1	7.3	8.5	6.9	3.2	2.1	2.3	4.2	7.0	8.0	6.4	5.7	35.4	58.9
20	6.7	6.4	8.0	7.9	5.1	2.3	1.1	1.5	3.0	5.1	7.2	7.0	5.1	30.3	64.6
21	7.5	7.9	7.8	7.0	3.0	1.5	0.6	0.7	1.9	3.9	6.7	8.0	4.7	25.6	69.7
22	7.0	7.7	7.4	5.9	2.7	0.7	0.3	0.4	1.0	3.4	5.2	7.7	4.1	21.4	74.4
23	6.9	7.5	6.8	4.9	2.1	0.4	0.2	0.1	0.7	2.7	4.6	6.3	3.6	17.8	78.6
24	7.3	6.4	5.8	3.2	1.2	0.1	0.0	0.1	0.4	1.8	3.7	6.4	3.1	14.8	82.2
25	5.7	5.3	4.8	2.6	0.9	0.1	0.1	0.0	0.3	1.3	2.9	4.4	2.4	12.4	85.2
26	5.3	5.8	4.9	2.2	0.3	0.0	0.0	0.0	0.1	1.0	2.0	4.3	2.2	10.2	87.6
27	5.1	5.3	4.6	1.7	0.3	0.0	0.0	0.0	0.2	1.3	2.1	3.8	2.0	8.2	89.8
28	3.7	5.0	3.7	1.3	0.2	0.0	0.0	0.0	0.1	0.5	1.5	3.0	1.6	6.6	91.8
29	3.7	4.1	2.8	0.9	0.0	0.0	0.0	0.0	0.0	0.5	1.4	2.9	1.3	5.3	93.4
30	3.6	3.3	2.5	0.6	0.1	0.0	0.0	0.0	0.0	0.5	0.7	2.4	1.1	4.1	94.7
31	2.3	3.1	2.1	0.5	0.0	0.0	0.0	0.0	0.0	0.2	0.8	1.9	0.9	3.2	95.9
32	1.8	2.5	1.6	0.3	0.0	0.0	0.0	0.0	0.0	0.2	0.6	1.8	0.7	2.5	96.8
33	2.0	2.2	1.4	0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.6	1.4	0.7	1.8	97.5
34	1.7	2.0	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.1	0.5	1.3	98.2
35	1.5	1.7	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	1.1	0.4	0.9	98.7
36	1.1	1.5	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.8	0.3	0.6	99.1
37	0.9	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	0.2	0.3	99.4
38	0.5	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.1	0.2	99.7
39	0.5	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.1	99.8
40	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	99.9
41	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
42	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
NUMBER OF READINGS	3651	3322	3449	3486	3541	3402	3470	3534	3476	3627	3555	3683	42196		

TABLE 25(b)

STATION: - PERTH -GUILDFORD M.O.

## CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURES

## PERCENTAGE OF READINGS AT OR ABOVE GIVEN TEMPERATURE

TEMPERATURE (C)	MONTH												YEAR
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
3	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.8	100.0	100.0	100.0	100.0	100.0
4	100.0	100.0	100.0	100.0	99.7	99.7	99.6	99.5	99.9	100.0	100.0	100.0	99.9
5	100.0	100.0	100.0	99.9	99.3	99.2	99.2	98.7	99.7	99.8	100.0	100.0	99.6
6	100.0	100.0	100.0	99.9	98.8	98.7	98.3	97.5	99.1	99.3	99.9	100.0	99.3
7	100.0	100.0	100.0	99.7	98.2	97.5	96.8	96.0	97.6	98.6	99.9	100.0	98.7
8	100.0	100.0	99.9	99.5	97.0	95.5	93.9	93.1	94.9	97.7	99.6	100.0	97.6
9	100.0	100.0	99.9	99.1	94.5	92.7	90.9	88.4	91.3	95.8	98.7	100.0	96.0
10	100.0	100.0	99.7	97.7	91.3	88.6	84.0	81.6	86.8	93.1	97.5	99.8	93.4
11	99.9	99.9	99.4	96.1	87.6	82.7	76.3	73.8	80.7	89.4	95.5	99.3	90.1
12	99.8	99.8	98.9	93.5	82.2	75.8	66.1	64.4	73.7	85.4	93.4	98.2	86.0
13	99.2	99.4	97.8	90.8	75.5	65.6	56.7	54.7	64.1	79.2	89.3	96.9	80.8
14	98.3	98.9	96.5	86.6	67.5	54.7	45.3	44.9	53.9	72.1	84.4	94.9	74.9
15	96.6	97.7	94.1	80.7	59.1	43.5	34.5	34.2	43.8	64.1	78.5	92.2	68.4
16	94.3	96.1	90.9	74.5	50.1	32.2	24.0	25.2	35.1	55.7	72.1	88.5	61.7
17	91.3	93.3	86.7	66.2	40.7	21.7	15.7	16.3	26.2	46.7	64.4	83.7	54.5
18	87.2	90.2	80.4	56.9	31.2	14.1	8.6	9.7	18.5	37.7	56.3	78.4	47.6
19	81.8	85.9	74.1	47.9	22.8	8.4	4.4	5.1	12.2	29.6	48.6	71.8	41.1
20	75.4	79.9	66.8	39.4	15.9	5.2	2.3	2.9	7.9	22.6	40.6	65.3	35.4
21	68.7	73.5	58.8	31.5	10.8	2.9	1.2	1.4	4.9	17.5	33.4	58.3	30.3
22	61.2	65.7	51.0	24.5	7.8	1.3	0.6	0.7	3.0	13.6	26.6	50.4	25.6
23	54.1	57.9	43.6	18.6	5.1	0.6	0.3	0.3	2.0	10.2	21.5	42.7	21.4
24	47.3	50.5	36.9	13.7	3.0	0.3	0.1	0.1	1.2	7.5	16.9	36.3	17.8
25	40.0	44.1	31.0	10.5	1.8	0.1	0.1	0.0	0.8	5.7	13.2	29.9	14.8
26	34.3	38.7	26.2	7.8	0.9	0.1	0.0	0.0	0.5	4.5	10.4	25.5	12.4
27	29.0	32.9	21.4	5.7	0.6	0.0	0.0	0.0	0.3	3.4	8.4	21.2	10.2
28	23.9	27.6	16.8	4.0	0.3	0.0	0.0	0.0	0.1	2.1	6.2	17.4	8.2
29	20.2	22.6	13.1	2.7	0.1	0.0	0.0	0.0	0.0	1.6	4.7	14.5	6.6
30	16.5	18.5	10.3	1.7	0.1	0.0	0.0	0.0	0.0	1.1	3.3	11.6	5.3
31	12.9	15.3	7.8	1.1	0.0	0.0	0.0	0.0	0.0	0.7	2.6	9.3	4.1
32	10.6	12.2	5.7	0.7	0.0	0.0	0.0	0.0	0.0	0.4	1.8	7.4	3.2
33	8.8	9.7	4.1	0.4	0.0	0.0	0.0	0.0	0.0	0.2	1.2	5.6	2.5
34	6.8	7.5	2.6	0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.6	4.2	1.8
35	5.1	5.5	1.5	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.4	3.1	1.3
36	3.6	3.8	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	2.0	0.9
37	2.5	2.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.2	0.6
38	1.6	1.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.7	0.3
39	1.2	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.2
40	0.7	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1
41	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
42	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NUMBER OF READINGS	3651	3322	3449	3486	3541	3402	3470	3534	3476	3627	3555	3683	42196

STATION: - PERTH -GUILDFORD M.O.

TABLE 25(c)

## PERCENTAGE FREQUENCY DISTRIBUTIONS OF RELATIVE HUMIDITIES

RELATIVE HUMIDITY (%)	MONTH												YEAR	CUMULATIVE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
3-4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
5-6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
7-8	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	100.0	0.0
9-10	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	99.9	0.0
11-12	0.6	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.1	99.8	0.1
13-14	0.7	0.4	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.8	0.2	99.6	0.2
15-16	1.4	0.9	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.2	0.4	1.1	0.4	99.2	0.4
17-18	1.2	1.1	0.9	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.5	1.1	0.4	98.8	0.8
19-20	1.4	1.5	1.0	0.3	0.1	0.0	0.0	0.0	0.0	0.2	0.6	1.1	0.5	98.2	1.2
21-22	1.5	1.8	1.0	0.4	0.2	0.0	0.0	0.0	0.0	0.4	1.1	1.4	0.6	97.6	1.8
23-24	1.6	2.1	1.7	0.4	0.3	0.1	0.0	0.0	0.1	0.4	0.9	1.3	0.8	96.8	2.4
25-26	1.8	1.7	1.6	0.7	0.2	0.1	0.1	0.1	0.1	0.9	1.0	1.5	0.8	96.0	3.2
27-28	1.8	2.3	1.9	0.8	0.4	0.2	0.1	0.1	0.1	0.7	1.0	2.1	1.0	95.1	4.0
29-30	2.3	2.3	1.9	1.3	0.4	0.2	0.2	0.1	0.5	0.9	1.2	1.9	1.1	94.0	4.9
31-35	5.7	6.2	6.1	2.8	1.7	0.7	0.8	0.8	1.1	2.7	3.2	4.7	3.0	90.0	6.0
36-40	6.9	6.6	6.7	4.0	2.5	1.2	0.9	1.8	2.1	3.7	4.1	5.9	3.9	87.0	9.1
41-45	7.3	8.3	8.0	6.1	4.0	1.9	1.5	2.2	3.7	4.5	6.0	8.2	5.1	81.9	13.0
46-50	9.1	9.2	8.3	6.1	5.6	3.0	3.1	4.2	5.3	6.6	8.4	9.1	6.5	75.4	18.1
51-55	9.0	8.4	8.8	7.2	6.3	4.7	4.8	6.4	6.6	8.1	9.8	9.6	7.5	67.9	24.6
56-60	8.9	8.7	9.0	7.7	6.4	6.5	5.9	7.8	7.6	9.3	9.4	8.7	8.0	59.9	32.1
61-65	7.6	7.9	7.4	8.8	7.3	6.4	6.8	7.5	8.1	8.2	9.2	7.5	7.7	52.2	40.1
66-70	6.3	7.7	7.5	7.9	7.7	8.2	7.7	7.6	8.3	7.0	6.9	5.5	7.3	44.8	47.8
71-72	2.6	2.4	3.0	3.5	2.7	4.0	3.3	3.1	3.3	3.5	2.5	2.2	3.0	41.8	55.2
73-74	2.0	2.2	2.0	3.4	3.1	3.5	3.8	3.5	3.5	2.1	2.7	2.2	2.8	39.0	58.2
75-76	2.2	2.0	2.3	2.9	3.0	3.4	3.5	2.8	2.9	3.0	2.8	1.9	2.7	36.3	61.0
77-78	1.9	1.6	2.3	2.3	3.1	3.4	3.4	3.5	3.3	2.8	2.4	2.2	2.7	33.6	63.7
79-80	2.3	1.8	2.1	2.7	2.4	3.8	3.2	3.5	3.3	2.5	2.1	2.2	2.7	30.9	66.4
81-82	2.1	1.5	2.0	2.8	3.3	4.1	3.9	3.1	3.2	2.8	2.6	2.1	2.8	28.1	69.1
83-84	1.5	2.0	1.9	2.9	3.2	4.3	4.2	3.5	3.4	3.1	2.3	2.5	2.9	25.2	71.9
85-86	1.9	1.5	1.9	2.8	3.6	4.2	4.4	4.4	3.3	2.6	2.5	2.1	2.9	22.3	74.8
87-88	2.0	1.7	1.9	3.5	3.9	4.9	4.4	4.6	3.9	4.0	3.2	2.5	3.4	18.9	77.7
89-90	1.4	1.4	2.3	3.1	4.0	4.0	4.4	4.4	4.3	3.1	2.8	2.0	3.1	15.8	81.1
91-92	1.5	1.2	1.8	4.0	5.4	5.6	5.6	6.1	4.7	3.9	2.9	1.4	3.7	12.1	84.2
93-94	1.7	1.2	2.0	3.6	6.4	6.5	8.3	6.8	6.2	4.5	3.3	2.1	4.4	7.7	87.9
95-96	0.7	1.1	1.4	4.1	6.1	7.4	8.2	6.5	5.6	4.5	2.2	1.5	4.1	3.7	92.3
97-98	0.4	0.7	0.6	2.2	4.2	5.2	4.3	3.6	3.8	2.8	1.4	0.6	2.5	1.2	96.3
NUMBER OF READINGS	3651	3322	3449	3486	3541	3402	3470	3534	3476	3627	3555	3683	42196		

TABLE 25(d)

STATION: - PERTH -GUILDFORD M.O.

## PERCENTAGE FREQUENCY DISTRIBUTION OF ABSOLUTE HUMIDITIES

DEW POINT (C)	VAPOUR PRESSURE (mbar)	MONTH												YEAR	CUMULATIVE	
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELO
-8	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
-6	3.9	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
-5	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
-4	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
-3	4.9	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	100.0	0.0
-2	5.3	0.1	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.1	0.1	0.2	0.1	99.9	0.0
-1	5.7	0.2	0.1	0.1	0.1	0.2	0.3	0.2	0.3	0.0	0.5	0.1	0.1	0.2	99.7	0.1
0	6.2	0.2	0.1	0.2	0.0	0.1	0.2	0.1	0.2	0.1	0.2	0.1	0.3	0.2	99.5	0.3
1	6.7	0.4	0.2	0.3	0.1	0.4	0.9	0.5	1.0	0.5	0.7	0.7	0.6	0.5	99.0	0.5
2	7.1	0.7	0.5	0.6	0.6	1.1	1.3	1.1	2.2	0.8	1.5	0.7	1.0	1.0	98.0	1.0
3	7.7	1.0	0.8	1.2	0.9	1.8	1.7	3.1	4.6	2.6	2.4	1.8	0.9	1.9	96.1	2.0
4	8.2	1.5	1.5	2.2	1.5	3.5	3.2	4.8	5.9	4.7	3.1	2.6	1.6	3.0	93.1	3.9
5	8.7	1.4	1.3	1.9	2.3	3.2	3.5	4.1	5.7	5.2	3.3	1.8	1.2	2.9	90.2	6.9
6	9.4	2.5	2.3	3.3	3.9	6.1	6.6	7.8	9.8	9.6	6.2	4.3	3.9	5.5	84.7	9.8
7	10.0	3.5	3.3	4.9	6.4	9.2	9.5	10.7	12.3	12.2	7.6	6.3	5.1	7.6	77.1	15.3
8	10.7	4.8	4.6	6.1	8.2	10.0	10.5	13.9	13.7	14.6	9.9	9.5	5.9	9.3	67.8	22.9
9	11.5	5.9	5.9	8.0	9.4	12.0	13.3	14.1	13.4	12.4	13.2	11.6	7.2	10.5	57.3	32.2
10	12.3	5.5	4.1	5.7	7.5	7.1	8.3	8.5	7.8	7.7	9.3	8.9	6.6	7.3	50.0	42.7
11	13.1	9.1	7.5	9.2	10.2	11.0	11.8	12.1	8.7	11.9	14.2	12.7	10.3	10.7	39.3	50.0
12	14.0	10.7	10.0	9.0	11.6	10.6	11.2	9.8	7.3	8.1	10.5	11.1	10.6	10.1	29.2	60.7
13	15.0	11.1	11.3	8.7	9.6	8.2	8.8	6.0	3.8	5.2	7.9	9.1	11.2	8.4	20.8	70.8
14	16.0	10.8	9.9	8.3	8.1	6.1	5.7	2.3	1.8	2.5	4.6	8.1	10.1	6.5	14.2	79.2
15	17.1	6.0	6.7	5.3	4.9	3.5	1.8	0.5	0.8	1.0	2.3	4.1	7.1	3.7	10.6	85.8
16	18.2	8.8	8.4	8.0	5.5	3.3	1.0	0.5	0.5	0.4	1.8	3.7	6.8	4.1	6.5	89.4
17	19.4	7.2	6.6	6.0	4.0	1.7	0.1	0.1	0.2	0.2	0.6	1.7	4.6	2.7	3.8	93.5
18	20.6	4.5	6.1	5.0	3.3	0.6	0.0	0.0	0.0	0.0	0.1	0.6	2.9	1.9	1.8	96.2
19	22.0	1.9	4.1	3.2	1.3	0.1	0.0	0.0	0.0	0.0	0.0	0.2	1.1	1.0	0.9	98.2
20	23.4	1.0	1.9	1.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.4	0.5	99.1
21	24.9	0.7	1.8	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.2	99.5
22	26.4	0.3	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	99.8
23	28.1	0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
NUMBER OF READINGS		3651	3322	3449	3486	3541	3402	3470	3534	3476	3627	3555	3683	42196		

NUMBER OF DEW POINTS GREATER THAN 38C 0  
 NUMBER OF DEW POINTS LESS THAN -15C 0

STATION: - PERTH -GUILDFORD M.O.

TABLE 25(e)

DOUBLE CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION FOR TEMPERATURE AND RELATIVE HUMIDITY  
PERCENTAGE OF READINGS AT OR ABOVE GIVEN CONDITIONS

TEMPERATURE (C)	RELATIVE HUMIDITY (%)																NUMBER OF READING
	0	5	10	15	20	25	30	40	50	60	70	75	80	85	90	95	
1	100.0	100.0	99.9	99.4	98.2	96.4	94.0	87.0	75.4	59.9	44.8	37.6	30.9	23.8	15.8	5.7	3
2	100.0	100.0	99.9	99.4	98.2	96.4	94.0	87.0	75.4	59.9	44.8	37.6	30.9	23.8	15.8	5.7	13
3	100.0	100.0	99.9	99.4	98.2	96.4	93.9	87.0	75.3	59.8	44.8	37.6	30.9	23.8	15.8	5.7	40
4	99.9	99.9	99.8	99.3	98.1	96.3	93.8	86.9	75.2	59.7	44.7	37.5	30.8	23.7	15.7	5.6	91
5	99.6	99.6	99.6	99.1	97.9	96.0	93.6	86.7	75.0	59.5	44.5	37.3	30.6	23.5	15.5	5.6	149
6	99.3	99.3	99.2	98.7	97.5	95.7	93.3	86.3	74.7	59.2	44.1	36.9	30.2	23.2	15.3	5.5	252
7	98.7	98.7	98.6	98.1	96.9	95.1	92.7	85.7	74.1	58.6	43.5	36.3	29.6	22.6	14.8	5.3	462
8	97.6	97.6	97.5	97.0	95.8	94.0	91.6	84.6	73.0	57.5	42.5	35.3	28.6	21.8	14.2	5.0	694
9	96.0	95.9	95.9	95.4	94.2	92.3	89.9	83.0	71.3	55.9	40.9	33.8	27.3	20.5	13.2	4.6	1094
10	93.4	93.4	93.3	92.8	91.6	89.8	87.3	80.4	68.7	53.3	38.4	31.5	25.2	18.8	11.9	4.0	1379
11	90.1	90.1	90.0	89.5	88.3	86.5	84.1	77.1	65.5	50.1	35.5	28.7	22.8	16.8	10.4	3.3	1732
12	86.0	86.0	85.9	85.4	84.2	82.4	80.0	73.0	61.4	46.1	31.9	25.5	19.9	14.5	8.8	2.7	2172
13	80.8	80.8	80.8	80.3	79.1	77.2	74.8	67.9	56.3	41.3	27.6	21.7	16.6	11.8	7.0	2.1	2502
14	74.9	74.9	74.8	74.3	73.2	71.3	68.9	62.0	50.5	35.9	23.1	17.6	13.2	9.0	5.1	1.5	2767
15	68.4	68.4	68.3	67.8	66.6	64.8	62.3	55.5	44.2	30.3	18.6	13.9	10.1	6.7	3.6	1.1	2819
16	61.7	61.7	61.6	61.1	59.9	58.1	55.6	48.8	37.9	25.0	14.7	10.6	7.4	4.8	2.5	0.6	3019
17	54.5	54.5	54.4	54.0	52.8	50.9	48.5	41.8	31.5	19.8	11.0	7.7	5.3	3.3	1.7	0.4	2939
18	47.6	47.5	47.5	47.0	45.8	44.0	41.5	35.0	25.3	15.2	8.0	5.4	3.6	2.2	1.0	0.2	2705
19	41.1	41.1	41.1	40.6	39.4	37.5	35.2	28.8	20.0	11.4	5.7	3.8	2.5	1.5	0.7	0.1	2410
20	35.4	35.4	35.3	34.9	33.7	31.8	29.5	23.4	15.5	8.3	4.0	2.6	1.6	0.9	0.4	0.1	2163
21	30.3	30.3	30.2	29.7	28.6	26.7	24.4	18.6	11.7	5.9	2.6	1.6	1.0	0.5	0.2	0.1	1995
22	25.6	25.6	25.5	25.0	23.8	22.0	19.8	14.4	8.5	4.0	1.5	0.9	0.5	0.2	0.1	0.0	1744
23	21.4	21.4	21.4	20.9	19.7	17.9	15.8	10.9	6.0	2.5	0.8	0.4	0.2	0.1	0.0	0.0	1519
24	17.8	17.8	17.8	17.3	16.1	14.4	12.4	8.0	3.9	1.5	0.4	0.2	0.1	0.0	0.0	0.0	1289
25	14.8	14.8	14.7	14.2	13.1	11.4	9.5	5.7	2.5	0.8	0.2	0.1	0.0	0.0	0.0	0.0	1004
26	12.4	12.4	12.3	11.8	10.7	9.1	7.4	4.1	1.6	0.5	0.1	0.0	0.0	0.0	0.0	0.0	915
27	10.2	10.2	10.2	9.7	8.6	7.1	5.6	2.8	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	856
28	8.2	8.2	8.1	7.7	6.6	5.2	3.9	1.8	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	670
29	6.6	6.6	6.5	6.1	5.0	3.8	2.7	1.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	569
30	5.3	5.3	5.2	4.7	3.8	2.7	1.9	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	480
31	4.1	4.1	4.1	3.6	2.8	1.9	1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	382
32	3.2	3.2	3.1	2.8	2.0	1.3	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	310
33	2.5	2.5	2.4	2.0	1.4	0.8	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	280
34	1.8	1.8	1.8	1.4	0.9	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	218
35	1.3	1.3	1.2	0.9	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	179
36	0.9	0.9	0.8	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	136
37	0.6	0.6	0.5	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	95
38	0.3	0.3	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62
39	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	44
40	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25
41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11
42	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3
43	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2
NUMBER OF READINGS	2	35	202	502	780	1025	2922	4920	6537	6355	3040	2834	2999	3375	4256	2412	42196

TABLE 26

STATION:- PORT HEDLAND M.O.

BUREAU OF METEOROLOGY NUMBER:- 04032

LATITUDE:- 20 23 E

LONGITUDE:- 118 37 S

ELEVATION:- 6m AMSL

PERIOD OF RECORD:- 1/ 1/1963 TO 31/12/1977

TABLE OF MISSING READINGS

TIME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0000	11	1	6	6	7	7	7	18	6	7	0	0	76
0300	0	4	7	10	8	20	17	18	12	13	5	0	114
0600	3	3	16	17	10	16	15	17	16	17	8	0	138
0900	0	0	1	1	2	2	4	1	0	0	0	0	11
1200	0	0	2	0	4	0	0	0	0	0	0	0	6
1500	0	0	1	1	3	0	0	0	0	0	0	0	5
1800	0	0	1	1	2	1	0	0	0	0	0	0	5
2100	341	310	340	330	341	330	309	311	300	310	300	310	3832
TOTAL	355	318	374	366	377	376	352	365	334	347	313	310	4187

STATION: - PORT HEDLAND M.O.

TABLE 26(a)

## PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURES

TEMPERATURE (C)	MONTH												CUMULATIVE		
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	ABOVE	BELOW
5	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.1	0.0	0.0	0.0	0.0	0.1	99.9	0.0
8	0.0	0.0	0.0	0.0	0.0	0.4	0.8	0.3	0.0	0.0	0.0	0.0	0.1	99.8	0.1
9	0.0	0.0	0.0	0.0	0.1	0.9	1.4	0.5	0.0	0.0	0.0	0.0	0.2	99.6	0.2
10	0.0	0.0	0.0	0.0	0.2	1.3	2.9	1.1	0.1	0.0	0.0	0.0	0.5	99.1	0.4
11	0.0	0.0	0.0	0.0	0.3	2.3	4.0	1.8	0.5	0.1	0.0	0.0	0.8	98.3	0.9
12	0.0	0.0	0.0	0.0	0.6	3.0	4.8	3.6	0.9	0.1	0.0	0.0	1.1	97.2	1.7
13	0.0	0.0	0.0	0.0	1.1	3.2	4.9	4.4	1.9	0.2	0.0	0.0	1.3	95.9	2.8
14	0.0	0.0	0.0	0.0	1.6	4.2	4.1	5.1	3.9	0.4	0.0	0.0	1.6	94.3	4.1
15	0.0	0.0	0.0	0.3	3.0	4.8	4.6	5.2	4.2	0.8	0.1	0.0	1.9	92.4	5.7
16	0.0	0.0	0.0	1.0	4.2	4.7	4.3	5.5	4.8	1.6	0.1	0.0	2.2	90.2	7.6
17	0.0	0.0	0.1	0.9	4.2	5.3	4.2	4.5	5.7	3.0	0.4	0.0	2.4	87.8	9.8
18	0.0	0.1	0.0	1.9	5.2	6.0	5.2	5.1	5.2	3.8	0.7	0.1	2.8	85.0	12.2
19	0.0	0.1	0.1	2.5	5.4	6.7	5.6	4.2	3.8	4.9	1.9	0.1	3.0	82.1	15.0
20	0.0	0.1	0.4	3.0	6.5	6.5	6.9	4.6	5.1	5.9	2.9	0.3	3.5	78.6	17.9
21	0.1	0.1	1.0	4.2	6.8	6.7	7.2	6.1	4.0	6.0	4.6	0.9	4.0	74.6	21.4
22	0.6	0.4	1.7	5.3	5.9	7.2	5.9	6.7	4.0	6.7	6.5	2.5	4.5	70.1	25.4
23	1.2	0.8	2.6	6.1	6.8	6.8	5.6	7.1	4.1	5.2	7.5	3.6	4.8	65.3	29.9
24	2.0	2.3	3.9	6.1	6.0	7.0	5.6	5.4	5.4	4.9	6.9	5.6	5.1	60.2	34.7
25	5.3	4.5	5.9	7.0	6.2	5.5	5.3	5.8	6.1	4.4	5.9	6.3	5.7	54.6	39.8
26	8.6	8.7	8.1	6.1	6.5	5.9	5.5	5.8	5.7	4.5	5.6	8.6	6.6	47.9	45.4
27	9.9	11.0	9.7	5.5	6.1	3.9	4.4	5.1	6.9	5.3	5.7	8.4	6.8	41.1	52.1
28	10.7	10.9	8.6	5.7	5.0	3.7	2.9	4.3	5.7	5.8	6.0	6.8	6.3	34.8	58.9
29	8.8	8.7	6.2	7.2	4.6	2.0	2.0	2.7	5.3	5.9	5.5	6.6	5.4	29.4	65.2
30	8.0	7.3	6.1	6.2	4.5	1.2	1.0	2.2	4.1	4.7	5.8	5.6	4.7	24.7	70.6
31	7.7	8.1	8.6	6.0	3.7	0.5	0.4	1.3	4.5	4.6	6.1	6.8	4.9	19.8	75.3
32	9.2	9.0	7.4	6.1	2.6	0.2	0.1	0.7	3.1	4.9	5.4	7.9	4.7	15.1	80.2
33	7.3	7.4	7.7	5.4	1.7	0.1	0.0	0.4	2.5	4.6	4.3	7.3	4.1	11.0	84.9
34	6.5	6.1	5.9	5.4	0.8	0.0	0.0	0.0	1.0	3.6	3.7	6.1	3.3	7.8	89.0
35	3.8	4.4	4.5	3.6	0.4	0.0	0.0	0.0	0.6	2.6	3.7	4.9	2.4	5.4	92.2
36	3.2	2.9	4.1	2.4	0.1	0.0	0.0	0.0	0.5	2.2	3.2	3.0	1.8	3.6	94.6
37	2.3	2.3	3.0	1.1	0.0	0.0	0.0	0.0	0.2	1.5	2.3	2.7	1.3	2.3	96.4
38	1.6	1.7	2.0	0.7	0.0	0.0	0.0	0.0	0.1	1.1	1.6	2.1	0.9	1.4	97.7
39	1.1	1.0	1.3	0.2	0.0	0.0	0.0	0.0	0.0	0.5	1.2	1.6	0.6	0.8	98.6
40	0.6	1.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.8	1.0	0.4	0.5	99.2
41	0.6	0.7	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.7	0.6	0.2	0.2	99.5
42	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.4	0.1	0.1	99.8
43	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.1	0.1	99.9
44	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	99.9
45	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	100.0
46	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
NUMBER OF READINGS	3365	3074	3346	3234	3343	3224	3368	3355	3266	3373	3287	3410	39645		

STATION:- PORT HEDLAND M.O.

TABLE 26(b)

CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURES

PERCENTAGE OF READINGS AT OR ABOVE GIVEN TEMPERATURE

TEMPERATURE (C)	MONTH												YEAR
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6	100.0	100.0	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0
7	100.0	100.0	100.0	100.0	100.0	100.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0
8	100.0	100.0	100.0	100.0	100.0	99.9	99.4	99.9	100.0	100.0	100.0	100.0	99.9
9	100.0	100.0	100.0	100.0	100.0	99.5	98.6	99.6	100.0	100.0	100.0	100.0	99.8
10	100.0	100.0	100.0	100.0	99.9	98.5	97.1	99.1	100.0	100.0	100.0	100.0	99.6
11	100.0	100.0	100.0	100.0	99.8	97.3	94.3	98.0	99.2	100.0	100.0	100.0	99.1
12	100.0	100.0	100.0	100.0	99.4	95.0	90.3	96.2	99.4	99.9	100.0	100.0	98.3
13	100.0	100.0	100.0	100.0	98.8	92.0	85.5	92.5	98.4	99.8	100.0	100.0	97.2
14	100.0	100.0	100.0	100.0	97.7	88.7	80.7	88.1	96.5	99.6	100.0	100.0	95.9
15	100.0	100.0	100.0	100.0	96.1	84.5	76.6	83.0	92.6	99.1	100.0	100.0	94.3
16	100.0	100.0	100.0	99.7	93.1	79.7	71.9	77.8	88.5	98.4	99.9	100.0	92.4
17	100.0	100.0	100.0	98.7	89.0	75.0	67.6	72.3	83.6	96.8	99.8	100.0	90.2
18	100.0	100.0	99.9	97.8	84.7	69.7	63.5	67.7	78.0	93.8	99.4	100.0	87.8
19	100.0	99.9	99.9	95.9	79.6	63.6	58.3	62.6	72.7	90.0	98.7	99.9	85.0
20	100.0	99.9	99.8	93.4	74.2	56.9	52.7	58.4	68.9	85.1	96.7	99.8	82.1
21	100.0	99.8	99.4	90.4	67.7	50.5	45.8	53.8	63.8	79.2	93.8	99.5	78.6
22	99.9	99.7	98.4	86.2	60.9	43.7	38.7	47.7	59.8	73.2	89.2	98.6	74.6
23	99.3	99.3	96.7	80.9	55.0	36.6	32.8	41.0	55.8	66.5	82.7	96.1	70.1
24	98.0	98.5	94.1	74.8	48.2	29.8	27.1	33.8	51.7	61.3	75.2	92.5	65.3
25	96.0	96.3	90.3	68.8	42.2	22.8	21.6	28.4	46.3	56.3	68.3	87.0	60.2
26	90.8	91.7	84.4	61.8	36.0	17.4	16.3	22.6	40.2	51.9	62.4	80.6	54.6
27	82.2	83.1	76.2	55.7	29.6	11.4	10.8	16.8	34.5	47.4	56.8	72.0	47.9
28	72.2	72.1	66.5	50.2	23.4	7.6	6.4	11.7	27.6	42.1	51.1	63.6	41.1
29	61.5	61.2	57.9	44.5	18.4	3.9	3.5	7.3	21.9	36.3	45.1	56.8	34.8
30	52.7	52.5	51.7	37.2	13.8	1.9	1.5	4.6	16.6	30.4	39.6	50.3	29.4
31	44.7	45.3	45.6	31.0	9.3	0.7	0.5	2.5	12.5	25.8	33.9	44.7	24.7
32	37.0	37.2	37.1	25.0	5.6	0.2	0.1	1.2	8.0	21.2	27.7	37.9	19.8
33	27.8	28.2	29.7	18.9	3.0	0.1	0.0	0.4	4.9	16.3	22.3	29.9	15.1
34	20.4	20.8	21.9	13.5	1.3	0.0	0.0	0.0	2.4	11.7	18.0	22.6	11.0
35	13.9	14.6	16.0	8.0	0.5	0.0	0.0	0.0	1.4	8.1	14.3	16.5	7.8
36	10.1	10.2	11.4	4.5	0.1	0.0	0.0	0.0	0.8	5.5	10.6	11.6	5.4
37	7.0	7.4	7.3	2.1	0.0	0.0	0.0	0.0	0.3	3.3	7.5	8.6	3.6
38	4.6	5.1	4.3	1.0	0.0	0.0	0.0	0.0	0.1	1.9	5.1	5.9	2.3
39	3.0	3.4	2.3	0.2	0.0	0.0	0.0	0.0	0.0	0.8	3.5	3.8	1.4
40	1.9	2.4	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.3	2.3	2.2	0.8
41	1.3	1.4	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	1.6	1.2	0.5
42	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.8	0.6	0.2
43	0.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.2	0.1
44	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.1
45	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
46	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NUMBER OF READINGS	3365	3074	3346	3234	3343	3224	3368	3355	3266	3373	3287	3410	39645

STATION: - PORT HEDLAND M.O.

TABLE 26(c)

## PERCENTAGE FREQUENCY DISTRIBUTIONS OF RELATIVE HUMIDITIES

RELATIVE HUMIDITY (%)	MONTH												CUMULATIVE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	ABOVE BELOW
3-4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	100.0 0.0
5-6	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.1	0.4	0.6	0.4	0.1	0.2	99.8 0.0
7-8	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.1	0.6	1.2	1.0	0.3	0.4	99.4 0.2
9-10	0.2	0.4	0.4	0.3	0.5	0.3	0.7	0.5	1.5	1.4	1.1	0.6	0.7	98.8 0.6
11-12	0.5	2.0	0.3	1.0	0.8	0.5	1.2	1.1	2.7	1.4	0.9	0.6	1.1	97.7 1.2
13-14	0.4	1.8	0.8	1.7	1.2	1.0	2.2	2.3	3.3	2.3	1.4	0.8	1.6	96.1 2.3
15-16	0.4	1.8	1.0	2.0	1.9	0.9	2.9	2.6	3.5	2.0	1.9	1.0	1.8	94.3 3.9
17-18	0.4	1.9	1.1	2.3	2.7	2.0	2.9	2.4	4.1	2.2	1.5	1.0	2.0	92.2 5.7
19-20	0.6	1.3	1.0	2.8	2.3	1.7	3.0	3.2	3.6	2.4	1.7	1.0	2.1	90.2 7.8
21-22	0.6	0.9	1.2	2.6	2.7	3.0	3.0	2.6	2.9	2.3	1.6	0.9	2.0	88.1 9.8
23-24	0.5	0.6	1.7	2.4	3.1	2.6	3.1	2.8	2.5	2.4	1.6	1.2	2.0	86.1 11.9
25-26	0.5	0.6	1.1	2.4	2.8	2.7	3.2	3.2	2.8	2.2	1.6	1.3	2.0	84.1 13.9
27-28	0.7	0.4	1.2	2.7	2.9	3.0	2.9	2.6	2.1	2.2	1.8	1.3	2.0	82.1 15.9
29-30	0.8	0.7	1.0	2.4	2.5	2.5	2.6	2.9	2.5	2.3	1.4	1.3	1.9	80.2 17.9
31-35	2.2	1.7	3.6	5.3	6.8	7.9	6.9	5.8	5.9	6.0	4.6	3.8	5.1	75.1 19.8
36-40	3.1	2.3	3.9	5.7	6.4	6.9	7.3	5.5	6.5	5.5	4.9	4.3	5.2	69.9 24.9
41-45	3.8	3.4	4.7	5.6	5.6	5.5	6.1	5.8	5.7	6.6	5.2	5.9	5.3	64.6 30.1
46-50	5.2	4.9	4.9	5.2	5.4	5.5	5.6	6.0	5.4	5.8	6.1	5.8	5.5	59.1 35.4
51-55	6.9	6.1	6.9	5.2	5.6	6.2	6.5	6.5	5.5	6.0	7.1	7.4	6.3	52.8 40.9
56-60	8.1	7.3	6.5	6.3	5.4	6.9	5.3	5.1	4.1	5.5	7.1	8.7	6.4	46.4 47.2
61-65	10.1	9.3	8.1	7.1	6.2	6.6	4.9	5.1	4.3	5.3	6.8	8.4	6.9	39.6 53.6
66-70	10.3	9.4	7.9	6.0	6.0	5.4	5.2	4.5	3.9	5.3	6.9	7.7	6.5	33.0 60.4
71-72	3.4	3.1	2.3	2.3	2.4	2.1	1.4	1.7	2.0	2.3	2.0	2.7	2.3	30.7 67.0
73-74	3.5	2.9	3.5	2.5	2.2	2.0	1.5	2.2	1.8	2.5	2.3	3.0	2.5	28.2 69.3
75-76	3.2	3.4	2.2	2.3	1.5	2.1	1.9	1.8	1.5	2.0	2.4	2.8	2.2	26.0 71.8
77-78	3.5	3.7	3.7	2.6	2.6	2.0	2.1	2.0	1.7	2.3	3.0	3.0	2.7	23.3 74.0
79-80	4.5	3.9	3.7	2.1	1.9	2.0	1.7	1.7	2.1	2.3	2.4	4.0	2.7	20.6 76.7
81-82	3.5	3.4	3.1	2.3	1.8	2.0	1.9	2.2	2.1	2.1	2.9	3.2	2.5	18.1 79.4
83-84	5.1	4.0	4.4	2.6	2.5	2.0	2.2	2.4	2.0	2.5	3.1	4.0	3.1	15.0 81.9
85-86	3.6	3.8	3.2	2.1	1.8	2.3	1.3	1.8	2.2	1.8	2.9	3.4	2.5	12.5 85.0
87-88	4.0	3.6	2.6	1.9	2.5	2.0	2.7	3.0	2.3	2.0	3.3	3.0	2.7	9.8 87.5
89-90	3.9	3.2	3.5	2.1	2.5	2.3	1.4	2.1	1.9	2.3	3.1	3.0	2.6	7.2 90.2
91-92	2.4	2.9	3.3	2.7	2.1	1.6	1.4	1.6	1.9	2.0	2.5	1.9	2.2	5.0 92.8
93-94	1.9	2.7	3.0	2.2	2.5	2.3	2.1	2.1	2.1	2.2	1.7	1.5	2.2	2.8 95.0
95-96	1.3	1.0	2.5	2.3	1.8	2.0	0.8	1.7	1.3	1.4	1.3	0.5	1.5	1.2 97.2
97-98	0.5	0.9	1.4	0.6	1.0	1.6	0.8	1.6	0.9	0.7	0.3	0.3	0.9	0.4 98.8
NUMBER OF READINGS	3365	3074	3346	3234	3343	3224	3368	3355	3266	3373	3287	3410	39645	

STATION: - PORT HEDLAND M.O.

TABLE 26(d)

## PERCENTAGE FREQUENCY DISTRIBUTION OF ABSOLUTE HUMIDITIES

DEW POINT (C)	VAPOUR PRESSURE (mbar)	MONTH												YEAR	CUMULATIVE	
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
-14	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
-13	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	100.0	0.0
-12	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	100.0	0.0
-11	2.7	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.2	0.0	0.0	0.0	0.0	99.9	0.0
-10	2.9	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.1	0.2	0.1	0.1	0.0	0.1	99.9	0.1
-9	3.1	0.0	0.0	0.1	0.1	0.1	0.4	0.9	0.4	0.6	0.7	0.2	0.2	0.3	99.6	0.1
-8	3.3	0.0	0.0	0.0	0.0	0.1	0.3	0.6	0.5	0.4	0.5	0.1	0.1	0.2	99.4	0.4
-7	3.6	0.0	0.0	0.0	0.1	0.1	0.3	1.0	0.4	0.8	0.4	0.2	0.0	0.3	99.1	0.6
-6	3.9	0.0	0.0	0.0	0.1	0.3	0.5	1.6	0.8	0.9	0.4	0.2	0.1	0.4	98.7	0.9
-5	4.3	0.0	0.0	0.0	0.0	0.2	0.7	1.5	1.0	1.1	0.4	0.2	0.0	0.4	98.2	1.3
-4	4.6	0.0	0.0	0.2	0.3	0.7	1.1	2.4	2.1	1.0	0.8	0.4	0.2	0.8	97.5	1.8
-3	4.9	0.0	0.0	0.0	0.6	1.2	1.2	3.4	2.1	1.2	0.8	0.2	0.2	0.9	96.5	2.5
-2	5.3	0.0	0.0	0.1	0.7	1.0	2.0	3.5	2.3	1.7	0.9	0.4	0.2	1.1	95.5	3.5
-1	5.7	0.1	0.1	0.1	0.7	2.0	2.4	4.1	3.4	1.6	1.2	0.5	0.1	1.4	94.1	4.5
0	6.2	0.2	0.1	0.1	0.5	1.2	1.6	2.8	2.0	7.6	0.7	0.3	0.0	1.4	92.7	5.9
1	6.7	0.0	0.1	0.2	1.4	2.7	3.1	4.5	3.9	2.4	1.1	0.6	0.1	1.7	91.0	7.3
2	7.1	0.1	0.0	0.3	1.5	3.1	4.4	4.1	3.5	2.6	1.4	0.5	0.3	1.8	89.2	9.0
3	7.7	0.2	0.4	0.4	1.9	3.7	4.8	4.9	3.6	2.9	1.4	0.8	0.4	2.1	87.0	10.8
4	8.2	0.2	0.3	0.7	1.8	4.1	5.5	4.5	4.0	2.9	1.7	0.9	0.5	2.3	84.7	13.0
5	8.7	0.1	0.3	0.2	1.4	2.2	3.5	3.0	2.8	2.5	1.5	0.6	0.4	1.5	83.2	15.3
6	9.4	0.4	0.3	1.0	2.1	3.4	5.0	5.3	4.1	2.6	2.4	1.2	0.4	2.4	80.8	16.8
7	10.0	0.2	0.5	0.8	2.8	3.9	4.0	5.1	4.1	3.4	2.8	1.4	0.6	2.5	78.4	19.2
8	10.7	0.4	0.6	0.6	2.7	3.5	4.5	4.6	5.1	4.4	3.4	1.5	0.6	2.7	75.7	21.6
9	11.5	0.4	0.6	1.0	3.5	4.5	6.4	5.7	4.5	4.0	3.3	2.0	0.9	3.1	72.6	24.3
10	12.3	0.2	0.2	0.7	1.9	3.0	3.8	3.8	3.5	2.8	2.1	1.3	0.8	2.0	70.6	27.4
11	13.1	0.4	0.6	1.4	2.9	5.0	6.7	4.8	5.8	4.9	3.9	2.8	1.1	3.4	67.2	29.4
12	14.0	0.6	0.7	1.3	3.2	4.8	5.6	3.9	6.6	6.0	4.4	3.1	1.8	3.5	63.7	32.8
13	15.0	0.8	0.5	1.5	4.0	5.6	5.7	4.4	6.5	7.3	6.3	3.4	1.7	4.0	59.7	36.3
14	16.0	1.0	0.5	1.9	4.1	6.1	4.5	3.4	6.1	7.1	6.6	4.0	2.1	4.0	55.7	40.3
15	17.1	0.7	0.8	1.3	3.7	4.3	2.8	2.6	4.4	5.9	5.6	4.2	2.0	3.2	52.5	44.3
16	18.2	1.4	1.7	2.5	5.5	6.6	5.0	3.8	4.6	6.3	9.0	5.7	3.4	4.6	47.9	47.5
17	19.4	2.1	1.6	3.5	5.9	5.4	3.9	2.9	4.6	5.8	9.4	7.4	4.3	4.8	43.1	52.1
18	20.6	2.8	2.6	3.5	6.4	5.4	3.1	3.0	3.8	4.3	9.5	9.6	5.5	5.0	38.1	56.9
19	22.0	3.9	3.7	5.7	6.6	5.4	2.7	1.8	2.2	2.4	6.8	11.8	7.8	5.1	33.1	61.9
20	23.4	3.5	3.8	4.3	5.6	3.8	1.3	0.8	0.8	1.2	3.8	9.7	6.6	3.8	29.3	66.9
21	24.9	8.3	7.1	7.9	7.1	3.9	1.6	0.6	0.2	0.6	3.6	9.9	11.0	5.2	24.1	70.7
22	26.4	11.6	10.6	10.8	6.9	1.8	1.1	0.3	0.1	0.1	1.7	7.0	13.8	5.5	18.7	75.9
23	28.1	17.9	16.4	15.0	6.8	0.7	0.7	0.0	0.0	0.0	0.7	4.6	15.8	6.5	12.2	81.3
24	29.8	23.5	21.0	15.3	4.9	0.1	0.0	0.0	0.0	0.0	0.4	2.6	10.5	6.4	5.8	87.8
25	31.7	12.2	13.0	8.2	1.1	0.1	0.0	0.0	0.0	0.0	0.1	0.4	4.6	3.2	2.6	94.2
26	33.6	5.8	9.2	6.2	0.8	0.0	0.0	0.0	0.0	0.0	0.1	0.2	1.7	1.9	0.6	97.4
27	35.6	1.1	2.6	2.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.6	0.1	99.4
28	37.8	0.1	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	99.9
NUMBER OF READINGS		3365	2877	3346	3234	3343	3224	3368	3355	3266	3373	3287	3410	39448		

NUMBER OF DEW POINTS GREATER THAN 38C 0  
 NUMBER OF DEW POINTS LESS THAN -15C 0

STATION:- PORT HEDLAND M.O.

TABLE 26(e)

DOUBLE CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION FOR TEMPERATURE AND RELATIVE HUMIDITY

TEMPERATURE (C)	PERCENTAGE OF READINGS AT OR ABOVE GIVEN CONDITIONS RELATIVE HUMIDITY (%)																NUMBER OF READINGS
	0	5	10	15	20	25	30	40	50	60	70	75	80	85	90	95	
5	100.0	99.9	98.8	95.2	90.2	85.0	80.2	69.9	59.1	46.4	33.0	27.1	20.6	13.8	7.2	1.9	2
6	100.0	99.9	98.8	95.2	90.1	85.0	80.1	69.9	59.1	46.4	33.0	27.1	20.6	13.8	7.2	1.9	4
7	100.0	99.9	98.7	95.2	90.1	85.0	80.1	69.9	59.1	46.4	33.0	27.1	20.6	13.8	7.2	1.9	21
8	99.9	99.8	98.7	95.1	90.1	85.0	80.1	69.8	59.1	46.4	33.0	27.1	20.6	13.7	7.2	1.9	51
9	99.8	99.7	98.6	95.0	90.0	84.8	80.0	69.7	59.0	46.3	33.0	27.1	20.6	13.7	7.1	1.9	98
10	99.6	99.5	98.3	94.8	89.7	84.6	79.7	69.5	58.8	46.2	32.9	27.0	20.5	13.7	7.1	1.9	184
11	99.1	99.0	97.9	94.3	89.2	84.1	79.3	69.1	58.4	45.9	32.7	26.9	20.4	13.7	7.1	1.9	299
12	98.3	98.2	97.1	93.5	88.5	83.4	78.5	68.5	57.9	45.5	32.4	26.7	20.3	13.6	7.1	1.9	436
13	97.2	97.1	96.0	92.4	87.4	82.3	77.4	67.5	57.1	44.9	32.0	26.3	20.0	13.4	7.0	1.8	524
14	95.9	95.8	94.7	91.1	86.1	81.0	76.2	66.4	56.2	44.2	31.4	25.8	19.6	13.1	6.8	1.8	640
15	94.3	94.2	93.1	89.5	84.5	79.4	74.6	65.0	55.0	43.2	30.6	25.2	19.1	12.7	6.6	1.7	762
16	92.4	92.3	91.1	87.6	82.6	77.5	72.8	63.4	53.6	42.0	29.7	24.4	18.4	12.2	6.3	1.6	865
17	90.2	90.1	89.0	85.4	80.4	75.4	70.7	61.5	51.9	40.6	28.6	23.4	17.6	11.6	6.0	1.5	935
18	87.8	87.7	86.6	83.0	78.1	73.1	68.5	59.6	50.2	39.1	27.3	22.3	16.7	10.9	5.6	1.3	1105
19	85.0	85.0	83.8	80.3	75.3	70.5	66.0	57.3	48.1	37.3	25.9	21.0	15.7	10.2	5.1	1.2	1172
20	82.1	82.0	80.9	77.3	72.5	67.7	63.3	54.8	45.9	35.4	24.3	19.7	14.6	9.4	4.7	1.1	1391
21	78.6	78.5	77.4	73.9	69.1	64.4	60.2	52.0	43.3	33.2	22.6	18.2	13.4	8.5	4.2	0.9	1584
22	74.6	74.5	73.4	69.9	65.3	60.8	56.8	48.9	40.5	30.8	20.7	16.6	12.1	7.6	3.6	0.8	1768
23	70.1	70.0	68.9	65.5	61.0	56.7	52.9	45.3	37.3	28.1	18.6	14.9	10.7	6.6	3.1	0.7	1902
24	65.3	65.2	64.1	60.8	56.4	52.4	48.8	41.6	34.0	25.3	16.4	13.0	9.3	5.6	2.5	0.5	2017
25	60.2	60.2	59.1	55.9	51.7	47.9	44.5	37.8	30.5	22.4	14.1	11.1	7.7	4.6	2.0	0.3	2252
26	54.6	54.5	53.4	50.4	46.5	43.0	39.8	33.6	26.8	19.2	11.6	8.9	6.0	3.2	1.2	0.2	2628
27	47.9	47.8	46.8	44.0	40.5	37.2	34.3	28.6	22.5	15.4	8.5	6.2	3.9	1.9	0.6	0.1	2702
28	41.1	41.0	40.1	37.5	34.3	31.4	28.8	23.6	18.0	11.6	5.5	3.6	1.9	0.7	0.2	0.0	2508
29	34.8	34.7	33.8	31.4	28.6	26.1	23.7	19.0	14.0	8.3	3.0	1.5	0.6	0.2	0.0	0.0	2158
30	29.4	29.3	28.4	26.2	23.9	21.5	19.5	15.3	10.8	5.8	1.4	0.5	0.1	0.0	0.0	0.0	1861
31	24.7	24.6	23.8	21.8	19.7	17.6	15.8	12.1	8.2	3.8	0.5	0.1	0.0	0.0	0.0	0.0	1923
32	19.8	19.7	19.0	17.3	15.5	13.7	12.1	9.0	5.6	2.1	0.2	0.0	0.0	0.0	0.0	0.0	1867
33	15.1	15.0	14.3	12.9	11.3	9.8	8.5	5.9	3.2	0.9	0.0	0.0	0.0	0.0	0.0	0.0	1609
34	11.0	11.0	10.4	9.2	7.9	6.6	5.5	3.5	1.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1291
35	7.8	7.7	7.2	6.2	5.1	4.1	3.2	1.7	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	945
36	5.4	5.3	4.9	4.1	3.3	2.5	1.8	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	706
37	3.6	3.6	3.2	2.6	1.9	1.3	0.9	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	512
38	2.3	2.3	2.0	1.5	1.0	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	360
39	1.4	1.4	1.1	0.8	0.5	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	227
40	0.8	0.8	0.6	0.4	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	145
41	0.5	0.5	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	95
42	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	49
43	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26
44	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12
45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5
46	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2
48	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
NUMBER OF READINGS	36	454	1416	2000	2026	1938	4061	4287	5031	5302	2338	2584	2723	2617	2084	752	39649

TABLE 27

STATION:- ROCKHAMPTON AERO.

BUREAU OF METEOROLOGY NUMBER:- 39083

LATITUDE:- 23 23 E

LONGITUDE:- 150 29 S

ELEVATION:- 8m AMSL

PERIOD OF RECORD:- 1/10/1962 TO 31/12/1977

TABLE OF MISSING READINGS

TIME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0000	32	25	27	41	50	30	30	40	34	56	52	48	465
0300	3	0	2	8	23	18	18	31	17	4	2	3	129
0600	9	5	5	15	26	20	40	37	19	6	3	3	188
0900	0	0	0	0	6	2	4	7	1	0	1	3	24
1200	1	0	0	0	1	0	0	0	1	0	0	0	3
1500	1	0	0	0	1	0	0	0	0	1	0	2	5
1800	2	1	1	0	1	2	0	1	1	0	0	4	13
2100	2	1	1	0	5	3	0	3	3	1	3	6	28
TOTAL	50	32	36	64	113	75	92	119	76	68	61	69	855

STATION: - ROCKHAMPTON AERO.

TABLE 27(a)

## PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURES

TEMPERATURE (C)	MONTH												CUMULATIVE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	ABOVE BELOW
1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0
2	0.0	0.0	0.0	0.0	0.0	0.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	99.9
3	0.0	0.0	0.0	0.0	0.0	0.1	0.6	0.0	0.0	0.0	0.0	0.0	0.1	99.9
4	0.0	0.0	0.0	0.0	0.0	0.2	1.2	0.2	0.0	0.0	0.0	0.0	0.1	99.7
5	0.0	0.0	0.0	0.0	0.1	0.6	1.2	0.5	0.0	0.0	0.0	0.0	0.2	99.5
6	0.0	0.0	0.0	0.0	0.2	1.0	2.0	1.1	0.2	0.0	0.0	0.0	0.4	99.2
7	0.0	0.0	0.0	0.0	0.2	1.6	2.6	1.5	0.3	0.0	0.0	0.0	0.5	98.7
8	0.0	0.0	0.0	0.0	0.5	1.8	2.9	2.1	0.5	0.0	0.0	0.0	0.7	98.0
9	0.0	0.0	0.0	0.1	1.1	2.7	3.1	2.1	0.7	0.1	0.0	0.0	0.8	97.2
10	0.0	0.0	0.0	0.0	1.3	3.0	3.6	2.1	1.2	0.2	0.0	0.0	0.9	96.3
11	0.0	0.0	0.0	0.1	1.5	3.7	3.8	2.7	1.1	0.1	0.0	0.0	1.1	95.2
12	0.0	0.0	0.1	0.2	1.9	4.2	4.6	2.9	2.0	0.3	0.0	0.0	1.3	93.8
13	0.0	0.0	0.0	0.4	2.5	5.0	5.1	4.3	2.6	0.6	0.0	0.1	1.7	92.1
14	0.0	0.0	0.1	0.3	3.4	6.2	6.0	5.4	4.1	1.1	0.1	0.0	2.2	89.9
15	0.0	0.0	0.1	0.4	3.2	6.0	6.5	6.3	4.6	1.7	0.1	0.1	2.4	87.5
16	0.0	0.0	0.1	1.2	5.3	8.7	7.8	8.3	6.8	2.8	0.4	0.0	3.4	84.0
17	0.0	0.0	0.4	2.8	7.2	8.4	7.9	7.6	6.5	4.3	1.2	0.1	3.9	80.2
18	0.1	0.0	0.7	5.2	9.8	9.5	7.4	7.9	8.3	6.5	2.2	0.2	4.8	75.4
19	0.5	0.4	1.5	8.2	9.2	7.3	6.4	7.8	8.0	7.2	4.1	1.7	5.2	70.2
20	1.5	1.6	2.7	9.6	8.8	5.3	5.2	6.4	7.2	7.3	5.0	3.6	5.4	64.8
21	3.7	4.8	7.0	9.4	8.7	5.8	5.8	5.7	8.3	8.7	8.3	6.2	6.9	57.9
22	7.0	7.7	9.8	10.2	7.7	6.3	6.3	6.0	7.0	8.7	9.2	7.8	7.8	50.1
23	9.3	10.9	12.9	10.6	6.8	5.6	4.7	5.6	6.9	8.3	9.6	10.6	8.5	41.7
24	11.4	12.2	12.2	8.2	5.4	3.8	2.4	5.3	5.9	8.3	9.1	10.6	7.9	33.8
25	11.3	11.3	10.2	6.5	5.7	1.7	1.3	3.1	4.8	6.6	8.0	9.7	6.7	27.1
26	11.5	12.2	10.0	6.3	5.0	1.0	0.8	2.7	4.7	6.7	8.5	9.4	6.6	20.5
27	10.2	9.6	8.6	7.4	2.6	0.3	0.2	1.4	3.5	6.8	8.6	8.6	5.7	14.9
28	8.4	7.9	7.5	6.1	1.3	0.1	0.1	0.5	1.9	4.3	6.0	8.4	4.4	10.5
29	7.2	6.6	5.9	3.5	0.6	0.0	0.0	0.2	1.4	3.4	4.9	6.4	3.3	7.2
30	4.8	5.6	5.2	1.6	0.2	0.0	0.0	0.1	0.8	1.7	4.0	4.3	2.4	4.8
31	5.1	4.2	2.5	1.1	0.1	0.0	0.0	0.1	0.6	1.7	4.2	4.4	2.0	2.8
32	3.5	2.6	1.3	0.5	0.0	0.0	0.0	0.0	0.2	1.0	2.7	3.0	1.2	1.6
33	1.9	1.0	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.8	1.5	1.9	0.7	0.9
34	1.3	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.0	1.3	0.4	0.5
35	0.7	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.7	0.8	0.2	0.3
36	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.1	0.1
37	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.1	0.1
38	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0
39	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NUMBER OF READINGS	3670	3360	3684	3536	3607	3525	3628	3601	3524	3652	3539	3651	42977	

STATION: - ROCKHAMPTON AERO.

TABLE 27(b)

CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURES

PERCENTAGE OF READINGS AT OR ABOVE GIVEN TEMPERATURE  
MONTH

TEMPERATURE (C)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
1	100.0	100.0	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0
2	100.0	100.0	100.0	100.0	100.0	100.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0
3	100.0	100.0	100.0	100.0	100.0	99.9	99.4	100.0	100.0	100.0	100.0	100.0	99.9
4	100.0	100.0	100.0	100.0	100.0	99.9	98.8	100.0	100.0	100.0	100.0	100.0	99.9
5	100.0	100.0	100.0	100.0	100.0	99.7	97.6	99.7	100.0	100.0	100.0	100.0	99.7
6	100.0	100.0	100.0	100.0	99.9	99.1	96.4	99.2	100.0	100.0	100.0	100.0	99.5
7	100.0	100.0	100.0	100.0	99.8	98.1	94.5	98.1	99.7	100.0	100.0	100.0	99.2
8	100.0	100.0	100.0	100.0	99.6	96.5	91.9	96.6	99.4	100.0	100.0	100.0	98.7
9	100.0	100.0	100.0	100.0	99.1	94.7	89.0	94.5	98.9	100.0	100.0	100.0	98.0
10	100.0	100.0	100.0	99.9	98.0	92.0	85.9	92.5	98.2	99.9	100.0	100.0	97.2
11	100.0	100.0	100.0	99.9	96.7	89.0	82.3	90.3	97.1	99.8	100.0	100.0	96.3
12	100.0	100.0	100.0	99.8	95.2	85.3	78.5	87.7	96.0	99.7	100.0	100.0	95.2
13	100.0	100.0	99.9	99.6	93.3	81.1	73.9	84.8	94.0	99.4	100.0	100.0	93.8
14	100.0	100.0	99.9	99.2	90.9	76.2	68.8	80.4	91.4	98.8	100.0	99.9	92.1
15	100.0	100.0	99.9	98.9	87.4	69.9	62.8	75.1	87.3	97.7	99.9	99.9	89.9
16	100.0	100.0	99.8	98.5	84.2	63.9	56.3	68.8	82.8	96.0	99.8	99.9	87.5
17	100.0	100.0	99.7	97.3	79.0	55.2	48.5	60.5	76.0	93.2	99.4	99.8	84.0
18	100.0	100.0	99.3	94.5	71.7	46.8	40.7	52.9	69.5	88.9	98.2	99.8	80.2
19	99.9	100.0	98.6	89.3	62.0	37.4	33.2	45.0	61.2	82.4	96.0	99.5	75.4
20	99.4	99.6	97.2	81.1	52.8	30.0	26.8	37.2	53.1	75.1	91.9	97.8	70.2
21	97.9	97.9	94.5	71.4	43.9	24.7	21.7	30.8	46.0	67.9	86.9	94.2	64.8
22	94.2	93.1	87.5	62.0	35.2	18.9	15.9	25.1	37.7	59.1	78.7	88.0	57.9
23	87.2	85.4	77.7	51.8	27.5	12.6	9.6	19.1	30.7	50.4	69.5	80.3	50.1
24	77.9	74.5	64.8	41.2	20.7	7.0	4.9	13.6	23.9	42.1	59.8	69.7	41.7
25	66.5	62.3	52.6	33.1	15.4	3.2	2.5	8.3	17.9	33.8	50.7	59.1	33.8
26	55.2	51.0	42.4	26.6	9.6	1.5	1.2	5.2	13.1	27.2	42.8	49.4	27.1
27	43.7	38.8	32.3	20.3	4.7	0.5	0.4	2.5	8.5	20.6	34.3	40.0	20.5
28	33.6	29.2	23.7	12.9	2.1	0.2	0.2	1.1	4.9	13.7	25.7	31.4	14.9
29	25.1	21.3	16.2	6.8	0.8	0.1	0.1	0.6	3.0	9.4	19.6	23.1	10.5
30	17.9	14.7	10.2	3.4	0.2	0.0	0.0	0.3	1.6	6.0	14.7	16.7	7.2
31	13.1	9.0	5.0	1.8	0.1	0.0	0.0	0.2	0.9	4.3	10.7	12.4	4.8
32	8.0	4.9	2.5	0.7	0.0	0.0	0.0	0.0	0.3	2.6	6.5	8.0	2.8
33	4.5	2.3	1.2	0.2	0.0	0.0	0.0	0.0	0.0	1.6	3.8	5.0	1.6
34	2.6	1.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.8	2.3	3.1	0.9
35	1.3	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.3	1.8	0.5
36	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.6	1.0	0.3
37	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.5	0.1
38	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.1
39	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NUMBER OF READINGS	3670	3360	3684	3536	3607	3525	3628	3601	3524	3652	3539	3651	42977

STATION: - ROCKHAMPTON AERO.

TABLE 27(c)

## PERCENTAGE FREQUENCY DISTRIBUTIONS OF RELATIVE HUMIDITIES

RELATIVE HUMIDITY (%)	MONTH												CUMULATIVE		
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	ABOVE	BELOW
3-4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
5-6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
7-8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	100.0	0.0
9-10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.1	0.1	0.1	99.9	0.0
11-12	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.1	0.3	0.1	0.1	99.8	0.1
13-14	0.0	0.0	0.1	0.0	0.1	0.0	0.3	0.3	0.4	0.3	0.1	0.1	0.1	99.7	0.2
15-16	0.0	0.0	0.1	0.0	0.1	0.0	0.1	0.5	0.7	0.4	0.2	0.1	0.2	99.5	0.3
17-18	0.0	0.0	0.1	0.1	0.1	0.1	0.4	0.7	0.6	0.4	0.1	0.1	0.2	99.3	0.5
19-20	0.1	0.0	0.1	0.1	0.3	0.2	0.8	0.9	0.7	0.4	0.2	0.1	0.3	99.0	0.7
21-22	0.1	0.1	0.1	0.2	0.4	0.3	1.0	1.0	1.1	0.5	0.3	0.2	0.4	98.5	1.0
23-24	0.2	0.1	0.2	0.3	0.6	0.8	1.2	1.2	1.0	0.5	0.4	0.1	0.5	98.0	1.5
25-26	0.0	0.0	0.1	0.2	0.5	0.6	1.3	1.7	1.2	0.5	0.5	0.2	0.6	97.4	2.0
27-28	0.1	0.1	0.1	0.3	0.7	0.9	1.6	1.6	1.2	0.7	0.4	0.1	0.7	96.8	2.6
29-30	0.1	0.1	0.2	0.4	0.9	1.1	1.9	1.6	1.4	0.9	0.8	0.3	0.8	96.0	3.2
31-35	1.1	0.4	0.8	1.6	2.9	3.8	4.6	4.9	4.1	3.6	2.0	1.3	2.6	93.4	4.0
36-40	2.5	1.5	1.5	3.0	3.7	4.9	4.1	4.9	4.4	5.3	4.0	3.1	3.6	89.8	6.6
41-45	3.8	2.6	3.1	4.8	4.5	6.4	5.4	5.4	5.7	6.8	5.8	4.9	4.9	84.9	10.2
46-50	5.3	5.1	5.0	7.1	5.2	5.0	6.3	5.6	5.8	6.9	7.1	7.2	6.0	78.9	15.1
51-55	6.2	6.1	6.2	6.6	5.4	6.2	5.8	5.4	5.3	6.1	7.8	6.6	6.1	72.8	21.1
56-60	6.9	6.9	7.7	6.5	5.8	6.3	5.6	5.4	6.2	8.0	7.8	7.2	6.7	66.1	27.2
61-65	8.3	7.9	8.0	7.9	7.0	6.8	6.3	6.4	6.2	6.3	8.1	8.7	7.3	58.7	33.9
66-70	9.3	8.6	8.9	9.7	7.4	7.5	7.0	6.5	6.8	7.3	7.5	8.7	7.9	50.8	41.3
71-72	3.7	3.6	3.1	3.5	3.4	2.9	2.6	2.9	2.8	2.8	3.0	3.8	3.2	47.6	49.2
73-74	4.4	4.1	3.6	3.6	3.3	2.7	2.4	2.5	2.7	3.0	3.6	3.6	3.3	44.3	52.4
75-76	3.5	4.4	4.5	4.1	3.3	3.3	3.2	3.1	3.4	3.1	3.6	4.1	3.6	40.7	55.7
77-78	3.7	4.2	4.2	4.3	3.7	3.3	2.9	2.5	3.0	3.8	3.2	3.5	3.5	37.2	59.3
79-80	3.7	4.5	3.9	3.9	3.7	3.2	3.4	3.1	3.1	3.6	3.0	3.9	3.6	33.6	62.8
81-82	4.9	4.6	4.3	3.8	3.5	3.7	3.0	3.0	3.1	3.1	3.9	3.6	3.7	29.9	66.4
83-84	4.4	4.3	4.6	4.0	3.7	3.5	3.6	3.6	3.3	3.3	3.5	3.7	3.8	26.1	70.1
85-86	4.2	4.0	4.1	4.4	4.2	3.8	3.3	3.3	3.3	4.1	3.7	4.5	3.9	22.2	73.9
87-88	3.9	4.3	4.3	3.9	4.3	3.6	3.6	3.2	3.2	3.2	3.3	3.9	3.7	18.4	77.8
89-90	4.2	4.9	5.0	5.2	4.6	3.5	3.6	3.3	4.3	4.5	3.6	3.9	4.2	14.2	81.6
91-92	5.1	5.9	5.6	2.8	3.9	3.3	3.3	2.9	3.1	2.6	4.1	4.1	3.9	10.3	85.8
93-94	3.2	3.5	3.9	3.3	4.6	4.9	3.9	3.9	4.4	3.1	3.0	3.3	3.8	6.6	89.7
95-96	4.7	5.2	5.2	2.7	3.9	3.1	3.6	3.6	3.4	3.0	3.2	3.3	3.8	2.7	93.4
97-98	1.7	1.8	1.1	1.2	3.0	2.2	2.4	3.0	2.2	0.9	1.2	0.9	1.8	0.9	97.3
NUMBER OF READINGS	3670	3360	3684	3536	3607	3525	3628	3601	3524	3652	3539	3651	42977		

STATION: - ROCKHAMPTON AERO.

TABLE 27(d)

PERCENTAGE FREQUENCY DISTRIBUTION OF ABSOLUTE HUMIDITIES

DEW POINT (C)	VAPOUR PRESSURE (mbar)	MONTH												YEAR	CUMULATIVE	
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
-10	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
-9	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	100.0	0.0
-8	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.0	0.0	0.0	0.0	99.9	0.0
-7	3.6	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.1	0.0	0.1	0.0	0.1	99.9	0.1
-6	3.9	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.2	0.3	0.0	0.1	0.0	0.1	99.8	0.1
-5	4.3	0.0	0.0	0.0	0.0	0.0	0.1	0.5	0.2	0.1	0.1	0.0	0.0	0.1	99.7	0.2
-4	4.6	0.0	0.0	0.0	0.0	0.1	0.1	0.9	0.8	0.4	0.2	0.1	0.0	0.2	99.5	0.3
-3	4.9	0.0	0.0	0.0	0.0	0.2	0.4	1.2	0.7	0.5	0.2	0.0	0.0	0.3	99.2	0.5
-2	5.3	0.0	0.0	0.1	0.0	0.3	0.5	1.5	0.8	0.8	0.1	0.1	0.1	0.3	98.8	0.8
-1	5.7	0.0	0.0	0.1	0.0	0.6	0.9	2.6	1.3	1.2	0.4	0.2	0.0	0.6	98.2	1.2
0	6.2	0.0	0.0	0.0	0.1	0.4	0.7	1.4	1.7	0.7	0.1	0.2	0.1	0.5	97.8	1.8
1	6.7	0.0	0.0	0.1	0.2	0.9	1.7	4.4	2.2	1.2	0.5	0.2	0.1	1.0	96.8	2.2
2	7.1	0.0	0.0	0.1	0.1	1.2	2.4	4.8	3.0	1.6	0.3	0.1	0.1	1.1	95.7	3.2
3	7.7	0.0	0.0	0.0	0.1	1.3	3.2	4.7	3.8	1.6	0.5	0.1	0.0	1.3	94.4	4.3
4	8.2	0.1	0.0	0.1	0.3	1.3	4.5	6.4	4.4	1.8	0.5	0.3	0.0	1.6	92.8	5.6
5	8.7	0.0	0.0	0.1	0.2	1.2	2.8	3.9	3.1	1.1	0.3	0.1	0.1	1.1	91.7	7.2
6	9.4	0.0	0.0	0.2	0.5	1.9	4.8	4.7	4.8	2.2	0.8	0.3	0.2	1.7	90.0	8.3
7	10.0	0.1	0.0	0.1	0.4	2.9	6.2	5.1	5.2	3.5	0.8	0.4	0.0	2.0	87.9	10.0
8	10.7	0.0	0.1	0.2	0.8	3.4	7.3	5.8	5.0	3.0	1.8	0.4	0.1	2.3	85.6	12.1
9	11.5	0.1	0.0	0.1	0.8	3.5	7.6	5.8	5.8	4.3	2.1	0.5	0.2	2.6	83.1	14.4
10	12.3	0.1	0.0	0.1	0.7	2.7	6.1	4.6	4.6	3.9	1.8	0.6	0.2	2.1	81.0	16.9
11	13.1	0.1	0.0	0.2	1.7	5.3	9.2	7.7	7.6	7.3	4.2	1.2	0.2	3.7	77.2	19.0
12	14.0	0.3	0.1	0.6	3.0	8.0	9.6	8.3	8.7	9.2	6.1	2.2	0.7	4.7	72.5	22.8
13	15.0	0.8	0.2	0.8	4.7	8.4	8.6	7.2	8.5	11.0	9.4	3.4	1.0	5.3	67.1	27.5
14	16.0	0.8	0.8	2.3	8.6	11.8	8.5	5.7	7.7	10.9	12.7	6.3	2.1	6.5	60.6	32.9
15	17.1	1.2	0.7	2.4	7.4	7.7	3.8	4.4	4.9	7.8	9.1	5.3	2.9	4.8	55.8	39.4
16	18.2	3.6	3.1	6.2	16.9	11.9	5.0	4.2	6.1	9.3	13.7	11.1	7.3	8.2	47.6	44.2
17	19.4	7.4	6.5	9.1	18.5	11.5	4.0	2.5	4.8	7.8	11.7	11.8	10.9	8.9	38.7	52.4
18	20.6	11.6	12.2	13.6	15.6	5.9	1.4	0.9	2.3	4.1	9.1	13.2	14.5	8.7	30.0	61.3
19	22.0	14.3	15.9	16.3	9.4	4.4	0.4	0.1	1.1	2.6	6.3	13.6	15.3	8.3	21.7	70.0
20	23.4	10.4	11.2	11.9	4.6	1.4	0.1	0.0	0.1	0.8	3.7	9.7	11.5	5.4	16.3	78.3
21	24.9	15.0	16.1	14.8	3.7	1.3	0.0	0.0	0.1	0.5	2.4	9.6	13.6	6.4	9.9	83.7
22	26.4	14.4	15.0	10.5	1.4	0.4	0.0	0.0	0.0	0.0	0.9	5.7	9.1	4.8	5.1	90.1
23	28.1	11.6	10.6	6.9	0.4	0.1	0.0	0.0	0.0	0.0	0.1	2.4	5.8	3.1	1.9	94.9
24	29.8	6.6	5.7	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	2.8	1.5	0.4	98.1
25	31.7	1.3	1.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.8	0.3	0.1	99.6
NUMBER OF READINGS		3670	3360	3684	3536	3607	3525	3628	3601	3524	3652	3539	3651	42977		

NUMBER OF DEW POINTS GREATER THAN 38C 0  
NUMBER OF DEW POINTS LESS THAN -15C 0

TABLE 27(e)

STATION: - ROCKHAMPTON AERO.

## DOUBLE CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION FOR TEMPERATURE AND RELATIVE HUMIDITY

TEMPERATURE (C)	PERCENTAGE OF READINGS AT OR ABOVE GIVEN CONDITIONS RELATIVE HUMIDITY (%)																NUMBER OF READINGS
	0	5	10	15	20	25	30	40	50	60	70	75	80	85	90	95	
1	100.0	100.0	99.9	99.6	99.0	97.7	96.0	89.8	78.9	66.1	50.8	42.6	33.6	24.1	14.2	4.2	4
2	100.0	100.0	99.9	99.6	99.0	97.7	95.9	89.8	78.9	66.0	50.8	42.6	33.6	24.1	14.2	4.2	19
3	99.9	99.9	99.9	99.6	98.9	97.7	95.9	89.8	78.8	66.0	50.7	42.5	33.6	24.1	14.2	4.2	24
4	99.9	99.9	99.8	99.5	98.9	97.6	95.8	89.7	78.8	65.9	50.7	42.5	33.5	24.1	14.2	4.2	60
5	99.7	99.7	99.7	99.4	98.7	97.5	95.7	89.6	78.6	65.8	50.6	42.3	33.4	24.0	14.1	4.2	86
6	99.5	99.5	99.5	99.2	98.5	97.3	95.5	89.4	78.4	65.6	50.4	42.2	33.3	23.9	14.1	4.2	160
7	99.2	99.2	99.1	98.8	98.1	96.9	95.1	89.0	78.1	65.3	50.1	41.9	33.0	23.7	13.9	4.2	222
8	98.7	98.7	98.6	98.3	97.6	96.4	94.6	88.5	77.6	64.8	49.6	41.5	32.7	23.5	13.8	4.1	280
9	98.0	98.0	97.9	97.6	97.0	95.7	94.0	87.8	76.9	64.2	49.1	41.0	32.3	23.2	13.6	4.0	345
10	97.2	97.2	97.1	96.8	96.2	94.9	93.2	87.0	76.2	63.4	48.5	40.5	31.9	22.8	13.3	3.9	407
11	96.3	96.2	96.2	95.9	95.2	94.0	92.2	86.1	75.3	62.6	47.8	39.9	31.4	22.4	13.0	3.8	463
12	95.2	95.2	95.1	94.8	94.1	92.9	91.1	85.0	74.3	61.8	47.1	39.2	30.8	22.0	12.7	3.7	580
13	93.8	93.8	93.7	93.4	92.8	91.6	89.8	83.7	73.1	60.7	46.2	38.5	30.2	21.5	12.3	3.5	735
14	92.1	92.1	92.0	91.7	91.1	89.8	88.1	82.1	71.5	59.3	45.1	37.4	29.3	20.8	11.9	3.4	951
15	89.9	89.9	89.8	89.5	88.9	87.6	85.9	79.9	69.5	57.4	43.5	36.1	28.1	20.0	11.4	3.2	1038
16	87.5	87.5	87.4	87.1	86.5	85.2	83.5	77.6	67.4	55.5	41.8	34.5	26.8	19.0	10.8	3.0	1482
17	84.0	84.0	84.0	83.7	83.0	81.8	80.1	74.4	64.3	52.6	39.2	32.2	25.0	17.6	10.0	2.6	1656
18	80.2	80.2	80.1	79.8	79.2	78.0	76.4	70.8	60.9	49.3	36.4	29.7	22.9	16.1	9.1	2.4	2074
19	75.4	75.4	75.3	75.0	74.4	73.2	71.7	66.3	56.7	45.4	33.0	26.8	20.5	14.3	8.0	2.0	2234
20	70.2	70.2	70.1	69.8	69.2	68.1	66.7	61.6	52.2	41.2	29.5	23.7	18.0	12.5	7.1	1.8	2301
21	64.8	64.8	64.7	64.5	63.9	62.9	61.6	56.7	47.4	36.9	25.9	20.5	15.5	10.7	6.2	1.6	2952
22	57.9	57.9	57.9	57.6	57.1	56.2	55.0	50.4	41.6	31.5	21.4	16.8	12.5	8.6	4.9	1.4	3350
23	50.1	50.1	50.1	49.8	49.4	48.6	47.6	43.4	35.1	25.8	16.7	12.7	9.3	6.2	3.5	1.1	3641
24	41.7	41.7	41.6	41.4	41.0	40.3	39.5	35.7	28.0	19.6	11.9	8.6	5.9	3.8	2.1	0.7	3393
25	33.8	33.8	33.7	33.5	33.2	32.6	31.9	28.5	21.6	14.1	7.8	5.3	3.3	1.9	1.0	0.3	2872
26	27.1	27.1	27.0	26.9	26.6	26.1	25.5	22.5	16.2	9.6	4.6	2.9	1.5	0.8	0.3	0.1	2815
27	20.5	20.5	20.5	20.3	20.1	19.8	19.3	16.6	11.1	5.8	2.3	1.2	0.5	0.2	0.0	0.0	2433
28	14.9	14.9	14.8	14.7	14.5	14.2	13.9	11.7	7.2	3.1	1.0	0.4	0.2	0.0	0.0	0.0	1884
29	10.5	10.5	10.4	10.3	10.2	10.0	9.7	7.9	4.3	1.6	0.4	0.1	0.0	0.0	0.0	0.0	1438
30	7.2	7.2	7.1	7.0	6.9	6.8	6.5	5.0	2.4	0.7	0.1	0.0	0.0	0.0	0.0	0.0	1020
31	4.8	4.8	4.7	4.7	4.6	4.5	4.2	3.0	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	854
32	2.8	2.8	2.8	2.7	2.7	2.5	2.4	1.5	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	528
33	1.6	1.6	1.5	1.5	1.5	1.4	1.2	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	287
34	0.9	0.9	0.9	0.8	0.8	0.7	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	175
35	0.5	0.5	0.5	0.4	0.4	0.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	103
36	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	51
37	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29
38	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18
39	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9
40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
42	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
NUMBER OF READINGS	3	34	126	282	533	760	2642	4688	5520	6562	3534	3851	4064	4269	4295	1814	42977

TABLE 28

STATION:- SYDNEY-MASCOT M.O.

BUREAU OF METEOROLOGY NUMBER:- 66037

LATITUDE:- 33 56 E

LONGITUDE:- 151 11 S

ELEVATION:- 3m AMSL

PERIOD OF RECORD:- 1/ 1/1963 TO 31/12/1977

TABLE OF MISSING READINGS

TIME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0000	2	2	6	1	5	15	0	4	1	3	0	1	40
0300	5	1	5	4	12	16	6	6	3	5	2	1	66
0600	2	3	10	12	20	23	5	9	6	6	3	1	100
0900	4	1	0	4	7	10	1	3	1	3	0	0	34
1200	3	2	0	0	1	2	0	0	0	2	1	2	13
1500	2	1	0	0	0	0	0	0	0	0	0	0	3
1800	5	1	0	1	1	1	1	0	0	0	1	1	12
2100	4	0	1	0	1	4	3	1	1	0	0	2	17
TOTAL	27	11	22	22	47	71	16	23	12	19	7	8	285

STATION: - SYDNEY-MASCOT M.O.

TABLE 28(a)

## PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURES

TEMPERATURE (C)	MONTH												YEAR	CUMULATIVE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	100.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.1	0.0	0.0	0.0	0.0	0.1	99.9	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.7	0.1	0.0	0.0	0.0	0.3	99.7	0.1
5	0.0	0.0	0.0	0.0	0.2	1.2	2.8	1.3	0.2	0.0	0.0	0.0	0.5	99.2	0.3
6	0.0	0.0	0.0	0.0	0.9	2.2	4.9	3.1	0.8	0.0	0.0	0.0	1.0	98.2	0.8
7	0.0	0.0	0.0	0.0	1.7	3.7	6.7	4.7	2.1	0.1	0.0	0.0	1.6	96.6	1.8
8	0.0	0.0	0.0	0.3	2.2	5.2	7.4	5.2	2.8	0.4	0.0	0.0	2.0	94.6	3.4
9	0.0	0.0	0.0	0.5	4.2	7.0	8.1	6.4	4.1	0.9	0.2	0.0	2.6	92.0	5.4
10	0.0	0.0	0.1	1.4	5.5	8.1	8.8	8.6	5.2	2.1	0.5	0.0	3.4	88.6	8.0
11	0.0	0.0	0.2	1.5	7.1	7.7	8.0	8.0	5.6	2.6	0.9	0.1	3.5	85.2	11.4
12	0.0	0.1	0.5	2.9	7.8	10.2	7.7	9.4	7.3	4.0	1.7	0.2	4.3	80.8	14.8
13	0.3	0.1	0.5	4.1	8.1	10.8	8.9	9.6	9.3	5.3	2.4	0.8	5.0	75.8	19.2
14	0.5	0.1	1.0	4.7	9.2	11.1	9.4	9.0	9.4	7.1	3.1	1.3	5.5	70.3	24.2
15	0.7	0.4	1.6	6.0	8.8	10.2	8.7	8.5	9.4	9.7	5.6	2.1	6.0	64.3	29.7
16	1.2	1.3	2.8	8.3	9.7	8.7	6.1	7.5	10.3	11.5	8.4	4.1	6.7	57.7	35.7
17	2.7	2.3	5.0	8.8	8.9	6.6	4.6	6.4	8.4	12.0	12.3	5.9	7.0	50.6	42.3
18	4.9	4.8	7.4	11.0	8.3	3.3	2.3	4.9	7.6	11.0	13.4	9.0	7.3	43.3	49.4
19	9.7	7.7	10.5	11.8	5.7	1.9	1.5	2.6	5.4	8.7	11.8	10.2	7.3	36.0	56.7
20	12.8	11.9	13.8	11.3	4.3	0.8	0.8	1.9	3.9	6.4	10.1	13.8	7.6	28.4	64.0
21	14.7	14.4	14.3	9.1	3.6	0.4	0.6	0.9	2.3	4.8	8.8	12.8	7.2	21.2	71.6
22	13.8	13.8	12.3	6.8	1.8	0.2	0.2	0.6	1.9	3.6	5.7	9.9	5.9	15.3	78.8
23	12.1	13.5	10.5	4.3	0.9	0.1	0.1	0.3	1.3	2.7	4.2	8.8	4.9	10.5	84.7
24	8.3	10.2	6.8	2.5	0.4	0.0	0.0	0.2	0.8	2.0	2.7	5.7	3.3	7.2	89.5
25	5.3	6.2	3.8	1.8	0.3	0.0	0.1	0.1	0.7	1.2	1.9	4.4	2.1	5.1	92.8
26	4.4	5.6	3.1	1.2	0.2	0.0	0.0	0.0	0.6	1.0	1.7	3.0	1.7	3.3	94.9
27	3.1	3.3	2.5	0.8	0.1	0.0	0.0	0.1	0.3	0.7	1.2	2.2	1.2	2.2	96.7
28	1.9	1.6	1.1	0.5	0.0	0.0	0.0	0.0	0.2	0.6	0.7	1.4	0.7	1.5	97.8
29	1.1	1.1	0.9	0.3	0.0	0.0	0.0	0.0	0.1	0.3	0.5	1.0	0.4	1.1	98.5
30	0.8	0.4	0.4	0.1	0.0	0.0	0.0	0.0	0.2	0.3	0.5	1.0	0.3	0.8	98.9
31	0.4	0.2	0.4	0.1	0.0	0.0	0.0	0.0	0.1	0.3	0.3	0.7	0.2	0.6	99.2
32	0.3	0.4	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.2	0.4	99.4
33	0.4	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.5	0.1	0.3	99.6
34	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.1	0.2	99.7
35	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.1	0.1	99.8
36	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.1	99.9
37	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1	99.9
38	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	99.9
39	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	100.0
40	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
NUMBER OF READINGS	3693	3381	3698	3578	3673	3529	3704	3697	3588	3701	3593	3712	43547		

STATION: - SYDNEY-MASCOT M.O.

TABLE 28(b)

CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURES

PERCENTAGE OF READINGS AT OR ABOVE GIVEN TEMPERATURE  
MONTH

TEMPERATURE (C)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2	100.0	100.0	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0
3	100.0	100.0	100.0	100.0	100.0	100.0	99.8	99.9	100.0	100.0	100.0	100.0	100.0
4	100.0	100.0	100.0	100.0	100.0	100.0	99.4	99.8	100.0	100.0	100.0	100.0	99.9
5	100.0	100.0	100.0	100.0	100.0	99.3	97.7	99.1	99.9	100.0	100.0	100.0	99.7
6	100.0	100.0	100.0	100.0	99.8	98.1	94.8	97.8	99.8	100.0	100.0	100.0	99.2
7	100.0	100.0	100.0	100.0	98.9	95.9	89.9	94.7	99.0	99.9	100.0	100.0	98.2
8	100.0	100.0	100.0	99.9	97.2	92.2	83.2	90.1	97.0	99.8	100.0	100.0	96.6
9	100.0	100.0	100.0	99.7	95.0	87.1	75.8	84.9	94.2	99.4	100.0	100.0	94.6
10	100.0	100.0	99.9	99.2	90.8	80.1	67.7	78.5	90.1	98.5	99.8	100.0	92.0
11	100.0	100.0	99.9	97.8	85.3	72.0	59.0	69.9	84.9	96.3	99.3	100.0	88.6
12	100.0	100.0	99.6	96.4	78.2	64.2	51.0	61.9	79.3	93.7	98.4	99.9	85.2
13	100.0	99.9	99.1	93.5	70.4	54.1	43.3	52.5	72.0	89.7	96.7	99.8	80.8
14	99.7	99.8	98.6	89.4	62.3	43.3	34.4	42.9	62.8	84.4	94.3	99.0	75.8
15	99.2	99.7	97.5	84.7	53.1	32.2	25.0	34.0	53.3	77.3	91.1	97.7	70.3
16	98.5	99.3	95.9	78.7	44.3	21.9	16.3	25.5	44.0	67.6	85.6	95.7	64.3
17	97.3	97.9	93.2	70.3	34.6	13.3	10.2	18.0	33.7	56.1	77.2	91.6	57.7
18	94.6	95.6	88.1	61.5	25.7	6.6	5.6	11.6	25.3	44.1	64.9	85.7	50.6
19	89.7	90.8	80.8	50.6	17.4	3.4	3.2	6.7	17.7	33.1	51.5	76.7	43.3
20	80.0	83.1	70.3	38.8	11.6	1.5	1.8	4.1	12.3	24.5	39.7	66.5	36.0
21	67.2	71.2	56.4	27.5	7.3	0.7	1.0	2.2	8.4	18.0	29.5	52.7	28.4
22	52.5	56.8	42.2	18.4	3.7	0.3	0.4	1.3	6.1	13.3	20.7	39.9	21.2
23	38.7	42.9	29.9	11.6	1.9	0.1	0.2	0.7	4.2	9.6	15.0	30.0	15.3
24	26.6	29.5	19.4	7.3	1.0	0.0	0.1	0.4	2.9	6.9	10.8	21.3	10.5
25	18.3	19.3	12.6	4.9	0.6	0.0	0.1	0.2	2.1	5.0	8.1	15.6	7.2
26	13.1	13.1	8.8	3.0	0.2	0.0	0.0	0.1	1.5	3.8	6.2	11.2	5.1
27	8.7	7.4	5.7	1.8	0.1	0.0	0.0	0.1	0.9	2.8	4.5	8.2	3.3
28	5.6	4.2	3.2	1.1	0.0	0.0	0.0	0.0	0.6	2.1	3.3	6.1	2.2
29	3.7	2.6	2.1	0.5	0.0	0.0	0.0	0.0	0.4	1.5	2.6	4.7	1.5
30	2.6	1.5	1.2	0.3	0.0	0.0	0.0	0.0	0.3	1.2	2.1	3.7	1.1
31	1.8	1.1	0.8	0.2	0.0	0.0	0.0	0.0	0.1	0.8	1.5	2.7	0.8
32	1.4	0.9	0.5	0.1	0.0	0.0	0.0	0.0	0.1	0.6	1.3	2.0	0.6
33	1.1	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.9	1.5	0.4
34	0.7	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.6	1.1	0.3
35	0.5	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	0.8	0.2
36	0.4	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.5	0.1
37	0.4	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.1
38	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1
39	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
40	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NUMBER OF READINGS	3693	3381	3698	3578	3673	3529	3704	3697	3588	3701	3593	3712	43547

STATION: - SYDNEY-MASCOT M.O.

TABLE 28(c)

PERCENTAGE FREQUENCY DISTRIBUTIONS OF RELATIVE HUMIDITIES															
RELATIVE HUMIDITY (%)	MONTH												YEAR	CUMULATIVE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
3-4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
5-6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
7-8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	100.0	0.0
9-10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	100.0	0.0
11-12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	99.9	0.0
13-14	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.2	0.1	0.1	99.9	0.1
15-16	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.1	0.1	99.8	0.1
17-18	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.4	0.2	0.1	99.7	0.2
19-20	0.1	0.0	0.1	0.1	0.1	0.0	0.1	0.1	0.2	0.4	0.4	0.4	0.1	99.6	0.3
21-22	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.5	0.5	0.4	0.5	0.2	99.4	0.4
23-24	0.1	0.0	0.2	0.0	0.1	0.1	0.2	0.2	0.4	0.6	0.4	0.4	0.3	99.1	0.6
25-26	0.1	0.1	0.2	0.1	0.0	0.1	0.2	0.5	0.6	0.5	0.5	0.3	0.3	98.8	0.9
27-28	0.2	0.1	0.2	0.4	0.2	0.1	0.5	0.8	0.9	0.8	0.6	0.5	0.5	98.4	1.2
29-30	0.3	0.1	0.4	0.3	0.4	0.3	0.7	0.9	1.1	0.8	0.9	0.3	0.6	97.8	1.6
31-35	0.9	0.3	0.8	1.8	1.4	0.9	2.5	3.7	3.5	2.5	2.1	1.6	1.8	96.0	2.2
36-40	1.1	0.5	1.4	2.4	3.0	2.4	3.8	3.9	4.2	2.6	2.3	2.5	2.5	93.5	4.0
41-45	1.5	1.0	1.7	2.8	3.7	3.5	5.0	5.8	4.9	3.4	2.9	2.4	3.2	90.2	6.5
46-50	3.7	3.0	2.8	4.3	5.3	4.4	7.1	6.8	6.0	4.1	3.8	3.9	4.6	85.6	9.8
51-55	5.8	5.0	4.5	5.6	6.9	5.2	7.3	7.5	6.9	6.6	6.1	6.8	6.2	79.4	14.4
56-60	8.0	7.0	7.1	8.0	7.3	6.8	8.4	8.3	7.7	7.5	8.3	9.3	7.8	71.6	20.6
61-65	10.8	9.4	9.1	8.9	8.1	7.5	8.9	8.8	9.1	8.8	10.3	9.7	9.1	62.5	28.4
66-70	11.0	11.5	11.7	9.6	9.2	8.0	9.1	7.5	9.6	8.9	10.1	10.8	9.7	52.8	37.5
71-72	4.7	4.9	4.6	4.1	3.7	3.9	4.5	3.4	3.5	4.3	4.1	4.7	4.2	48.6	47.2
73-74	4.6	4.9	5.1	4.6	3.7	3.5	4.0	3.3	4.1	4.7	4.6	4.3	4.3	44.3	51.4
75-76	4.5	5.1	4.8	4.6	3.8	3.9	3.6	4.0	3.4	3.5	4.4	4.5	4.2	40.1	55.7
77-78	4.3	4.6	4.4	3.8	3.9	4.2	4.1	3.5	3.3	3.9	3.7	4.0	4.0	36.1	59.9
79-80	4.9	5.0	4.8	4.1	3.8	4.6	3.2	3.2	3.4	3.7	4.9	4.3	4.1	32.0	63.9
81-82	4.8	5.3	4.9	4.0	3.9	3.9	3.8	3.4	3.6	4.2	4.1	4.0	4.2	27.8	68.0
83-84	4.3	5.1	4.1	4.5	3.9	4.4	3.6	3.8	3.6	4.3	4.1	4.3	4.1	23.7	72.2
85-86	4.6	5.4	4.6	3.6	4.0	4.8	3.6	3.5	3.6	3.9	3.5	4.1	4.1	19.6	76.3
87-88	3.5	4.7	4.1	4.6	4.3	6.1	3.8	3.7	3.7	3.8	3.8	3.6	4.1	15.5	80.4
89-90	4.9	4.9	4.7	4.4	4.7	4.3	3.5	3.1	3.2	3.7	4.3	4.0	4.1	11.3	84.5
91-92	3.8	4.5	3.9	3.8	4.2	4.7	3.2	3.4	2.6	3.1	2.8	2.7	3.5	7.8	88.7
93-94	3.0	4.0	4.4	4.3	5.1	5.6	2.6	3.5	3.1	3.5	2.1	2.8	3.6	4.1	92.2
95-96	2.7	2.6	3.6	3.1	3.1	4.3	1.3	1.8	2.0	2.8	2.2	1.9	2.6	1.5	95.9
97-98	1.3	0.9	1.3	1.7	1.5	1.9	1.1	0.9	0.7	1.5	0.8	0.7	1.2	0.4	98.5
NUMBER OF READINGS	3693	3381	3698	3578	3673	3529	3704	3697	3588	3701	3593	3712	43547		

TABLE 28(d)

STATION: - SYDNEY-MASCOT M.O.

## PERCENTAGE FREQUENCY DISTRIBUTION OF ABSOLUTE HUMIDITIES

DEW POINT (C)	VAPOUR PRESSURE (mbar)	MONTH												YEAR	CUMULATIVE	
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
-9	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
-8	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
-7	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	100.0	0.0
-6	3.9	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.1	0.2	0.1	0.0	0.1	99.9	0.0
-5	4.3	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.2	0.2	0.2	0.1	0.0	0.1	99.8	0.1
-4	4.6	0.0	0.0	0.0	0.0	0.0	0.1	0.5	0.6	0.3	0.3	0.3	0.0	0.2	99.7	0.2
-3	4.9	0.0	0.0	0.0	0.0	0.1	0.1	0.9	0.7	0.2	0.2	0.1	0.0	0.2	99.4	0.3
-2	5.3	0.0	0.0	0.1	0.0	0.4	0.5	1.4	1.7	0.9	0.5	0.3	0.0	0.5	99.0	0.6
-1	5.7	0.0	0.0	0.1	0.1	0.7	1.3	3.0	2.4	1.6	0.8	0.4	0.0	0.9	98.1	1.0
0	6.2	0.1	0.0	0.1	0.3	0.7	1.2	3.6	2.5	1.2	0.5	0.1	0.2	0.9	97.2	1.9
1	6.7	0.0	0.0	0.1	0.2	1.6	3.3	6.8	5.4	2.2	1.0	0.5	0.2	1.8	95.4	2.8
2	7.1	0.0	0.0	0.2	0.7	3.0	3.9	8.8	7.7	3.6	1.3	0.8	0.2	2.5	92.9	4.6
3	7.7	0.2	0.0	0.2	1.2	4.5	6.5	11.1	9.4	5.1	1.8	1.3	0.3	3.5	89.4	7.1
4	8.2	0.2	0.0	0.4	1.8	5.1	7.2	10.8	8.8	6.5	2.3	1.5	0.9	3.8	85.6	10.6
5	8.7	0.1	0.1	0.4	1.4	3.9	5.8	8.2	6.9	5.1	1.8	1.7	0.7	3.0	82.6	14.4
6	9.4	0.4	0.2	0.8	2.9	8.0	8.5	10.0	9.3	8.9	4.1	2.1	1.2	4.7	77.9	17.4
7	10.0	0.5	0.3	0.8	3.0	6.9	7.8	9.2	9.3	8.1	4.5	3.3	1.2	4.6	73.3	22.1
8	10.7	0.6	0.2	1.3	4.5	9.2	9.9	7.7	8.8	10.7	6.9	4.6	2.3	5.6	67.7	26.7
9	11.5	1.5	0.7	2.1	4.7	9.3	11.2	6.4	8.0	12.0	10.0	6.4	2.8	6.3	61.4	32.3
10	12.3	1.6	0.5	2.0	4.0	6.1	7.0	3.0	4.0	6.1	6.8	4.8	3.4	4.1	57.3	38.6
11	13.1	3.4	1.5	3.1	8.2	8.8	9.9	3.9	4.7	8.2	9.3	7.7	6.5	6.3	51.0	42.7
12	14.0	5.2	3.5	5.3	11.3	9.3	7.8	2.3	4.0	7.2	10.5	8.9	8.1	6.9	44.1	49.0
13	15.0	7.5	5.9	6.0	12.0	8.4	4.7	1.5	3.0	5.3	10.2	11.0	8.2	7.0	37.1	55.9
14	16.0	8.8	6.5	9.4	11.4	5.5	2.2	0.4	1.6	3.1	10.2	10.5	9.2	6.6	30.5	62.9
15	17.1	6.0	6.4	7.7	7.5	2.9	0.6	0.1	0.6	1.9	6.0	7.9	7.6	4.6	26.0	69.5
16	18.2	11.2	12.1	14.3	9.9	3.3	0.3	0.0	0.3	1.3	6.3	10.8	10.8	6.7	19.2	74.0
17	19.4	11.6	15.1	14.8	8.2	1.4	0.1	0.0	0.0	0.1	3.4	8.3	12.7	6.3	13.0	80.8
18	20.6	12.8	15.6	13.4	4.4	0.6	0.0	0.0	0.0	0.0	0.8	4.1	11.7	5.3	7.7	87.0
19	22.0	12.4	13.5	9.1	1.8	0.1	0.0	0.0	0.0	0.0	0.2	1.7	7.6	3.8	3.9	92.3
20	23.4	8.0	7.7	4.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.5	2.6	1.9	2.0	96.1
21	24.9	6.0	6.0	3.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.2	1.4	0.6	98.0
22	26.4	1.8	3.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.5	0.1	99.4
23	28.1	0.1	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	99.9
NUMBER OF READINGS		3693	3381	3698	3578	3673	3529	3704	3697	3588	3701	3593	3712	43547		

NUMBER OF DEW POINTS GREATER THAN 38C 0  
 NUMBER OF DEW POINTS LESS THAN -15C 0

TABLE 28(e)

STATION: - SYDNEY-MASCOT M.O.

## DOUBLE CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION FOR TEMPERATURE AND RELATIVE HUMIDITY

TEMPERATURE (C)	PERCENTAGE OF READINGS AT OR ABOVE GIVEN CONDITIONS RELATIVE HUMIDITY (%)																NUMBER OF READINGS
	0	5	10	15	20	25	30	40	50	60	70	75	80	85	90	95	
1	100.0	100.0	100.0	99.9	99.6	99.0	97.8	93.5	85.6	71.6	52.8	42.1	32.0	21.6	11.3	2.6	2
2	100.0	100.0	100.0	99.9	99.6	99.0	97.8	93.5	85.6	71.6	52.7	42.1	32.0	21.6	11.3	2.6	6
3	100.0	100.0	99.9	99.8	99.5	98.9	97.8	93.4	85.6	71.6	52.7	42.1	32.0	21.6	11.3	2.6	24
4	99.9	99.9	99.9	99.8	99.5	98.9	97.7	93.4	85.5	71.5	52.7	42.1	32.0	21.6	11.3	2.6	115
5	99.7	99.7	99.6	99.5	99.2	98.6	97.5	93.1	85.3	71.3	52.5	41.9	31.8	21.5	11.3	2.6	209
6	99.2	99.2	99.1	99.0	98.7	98.1	97.0	92.6	84.8	70.8	52.0	41.5	31.5	21.3	11.2	2.6	436
7	98.2	98.2	98.1	98.0	97.7	97.1	96.0	91.6	83.8	69.9	51.2	40.8	31.0	21.0	11.1	2.5	689
8	96.6	96.6	96.6	96.5	96.2	95.6	94.4	90.1	82.2	68.4	49.9	39.7	30.2	20.5	10.8	2.5	854
9	94.6	94.6	94.6	94.5	94.2	93.6	92.4	88.1	80.3	66.6	48.5	38.5	29.2	19.8	10.4	2.4	1142
10	92.0	92.0	92.0	91.9	91.6	91.0	89.8	85.5	77.8	64.3	46.6	36.9	28.0	18.9	9.9	2.3	1468
11	88.6	88.6	88.6	88.5	88.2	87.6	86.5	82.1	74.5	61.5	44.5	35.1	26.5	17.8	9.3	2.1	1519
12	85.2	85.2	85.1	85.0	84.7	84.1	83.0	78.7	71.3	58.7	42.2	33.2	25.0	16.7	8.7	1.9	1885
13	80.8	80.8	80.8	80.7	80.4	79.8	78.6	74.4	67.4	55.4	39.6	31.0	23.1	15.3	7.9	1.7	2179
14	75.8	75.8	75.8	75.7	75.4	74.8	73.7	69.6	62.9	51.6	36.5	28.4	21.0	13.7	7.0	1.6	2399
15	70.3	70.3	70.3	70.2	69.9	69.3	68.2	64.3	58.1	47.6	33.5	25.8	18.9	12.3	6.2	1.4	2610
16	64.3	64.3	64.3	64.2	63.9	63.3	62.3	58.6	53.1	43.4	30.4	23.3	17.0	10.9	5.4	1.2	2904
17	57.7	57.6	57.6	57.5	57.2	56.7	55.7	52.4	47.5	38.8	27.0	20.6	14.9	9.4	4.7	0.9	3054
18	50.6	50.6	50.6	50.5	50.2	49.7	48.8	45.9	41.7	34.0	23.4	17.6	12.6	7.8	3.8	0.7	3189
19	43.3	43.3	43.3	43.2	42.9	42.4	41.6	39.1	35.6	28.8	19.6	14.6	10.3	6.3	3.0	0.5	3178
20	36.0	36.0	36.0	35.9	35.6	35.1	34.4	32.3	29.2	23.3	15.5	11.4	7.9	4.7	2.2	0.4	3329
21	28.4	28.4	28.3	28.2	28.0	27.5	26.8	25.1	22.5	17.4	11.2	7.9	5.3	3.0	1.3	0.2	3135
22	21.2	21.2	21.1	21.0	20.8	20.4	19.8	18.3	16.1	12.0	7.2	4.9	3.1	1.7	0.6	0.1	2549
23	15.3	15.3	15.3	15.2	14.9	14.6	14.1	12.9	11.0	7.7	4.2	2.6	1.5	0.7	0.2	0.0	2115
24	10.5	10.5	10.4	10.3	10.1	9.8	9.4	8.3	6.8	4.4	2.0	1.1	0.5	0.2	0.1	0.0	1429
25	7.2	7.2	7.1	7.1	6.9	6.6	6.2	5.3	4.1	2.4	0.8	0.4	0.1	0.0	0.0	0.0	927
26	5.1	5.0	5.0	4.9	4.8	4.5	4.2	3.4	2.5	1.2	0.3	0.1	0.0	0.0	0.0	0.0	746
27	3.3	3.3	3.3	3.2	3.1	2.8	2.6	2.0	1.3	0.5	0.1	0.0	0.0	0.0	0.0	0.0	506
28	2.2	2.2	2.1	2.1	1.9	1.7	1.5	1.1	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	288
29	1.5	1.5	1.5	1.4	1.3	1.1	0.9	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	191
30	1.1	1.1	1.0	1.0	0.9	0.7	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	136
31	0.8	0.8	0.7	0.7	0.6	0.5	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	86
32	0.6	0.6	0.5	0.5	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	72
33	0.4	0.4	0.4	0.3	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57
34	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37
35	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30
36	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14
37	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12
38	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11
39	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7
40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6
42	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
NUMBER OF READINGS	1	14	46	127	263	501	1894	3419	6101	8208	4627	4411	4534	4467	3809	1125	43547

TABLE 29

STATION:- THURSDAY IS. AERO.

BUREAU OF METEOROLOGY NUMBER:- 27022

LATITUDE:- 10 35 E

LONGITUDE:- 142 13 S

ELEVATION:- 58m AMSL

PERIOD OF RECORD:- 1/ 1/1963 TO 31/12/1977

TABLE OF MISSING READINGS

TIME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0000	457	412	461	450	465	450	465	465	447	465	450	463	5450
0300	78	38	13	15	12	11	38	44	40	33	47	52	421
0600	42	18	19	17	11	10	13	10	5	4	21	37	207
0900	17	16	20	9	3	2	3	0	1	1	1	13	86
1200	27	14	17	4	2	2	4	7	9	1	13	21	121
1500	47	22	9	8	3	7	4	6	15	4	25	37	187
1800	181	152	135	134	161	155	166	169	168	173	190	178	1962
2100	194	165	140	139	166	161	178	184	181	183	197	200	2088
TOTAL	1043	837	814	776	823	798	871	885	866	864	944	1001	10522

STATION: - THURSDAY IS. AERO.

TABLE 29(a)

PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURES

TEMPERATURE (C)	MONTH												YEAR	CUMULATIVE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.0
21	0.0	0.0	0.0	0.0	0.1	0.4	2.4	1.3	0.4	0.0	0.0	0.0	0.4	99.5	0.1
22	0.1	0.0	0.1	0.2	0.3	3.1	9.2	7.5	2.5	0.6	0.0	0.0	2.0	97.5	0.5
23	1.1	1.1	0.9	0.6	1.8	13.5	18.3	16.4	10.3	3.3	0.5	0.4	5.8	91.8	2.5
24	4.2	4.5	4.8	5.1	11.1	21.9	21.6	20.6	16.5	11.6	3.3	2.2	10.7	81.1	8.2
25	10.2	11.4	14.1	15.7	21.4	18.4	15.9	16.4	19.4	14.7	9.6	6.1	14.5	66.5	18.9
26	20.3	22.2	25.2	23.6	23.1	17.2	16.3	16.0	16.6	17.9	17.8	15.5	19.3	47.2	33.5
27	24.5	23.4	22.2	20.4	18.6	16.3	13.2	14.7	16.1	16.0	15.8	21.1	18.4	28.7	52.8
28	17.9	18.1	15.3	15.4	15.4	7.4	2.6	5.8	13.9	17.0	16.3	17.7	13.5	15.3	71.3
29	12.6	11.9	10.4	13.6	7.4	1.7	0.1	1.2	3.6	11.3	15.1	15.4	8.6	6.7	84.7
30	5.9	6.0	5.8	5.1	0.8	0.1	0.0	0.0	0.7	5.8	13.1	12.7	4.6	2.1	93.3
31	2.3	1.2	1.1	0.4	0.0	0.0	0.0	0.0	0.0	1.6	6.9	7.3	1.7	0.4	97.9
32	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.6	1.7	0.4	0.0	99.6
33	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	100.0
NUMBER OF READINGS	2645	2523	2906	2824	2897	2802	2849	2835	2710	2856	2656	2719	33222		

STATION: - THURSDAY IS. AERO.

TABLE 29(b)

CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURES  
PERCENTAGE OF READINGS AT OR ABOVE GIVEN TEMPERATURE

TEMPERATURE (C)	MONTH												YEAR
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
16	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
17	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
18	100.0	100.0	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0
19	100.0	100.0	100.0	100.0	100.0	100.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0
20	100.0	100.0	100.0	100.0	100.0	100.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0
21	100.0	100.0	100.0	100.0	100.0	100.0	99.5	100.0	100.0	100.0	100.0	100.0	99.9
22	100.0	100.0	100.0	100.0	99.9	99.6	97.1	98.6	99.6	100.0	100.0	100.0	99.5
23	99.9	99.9	99.9	99.8	99.6	96.5	87.9	91.1	97.1	99.4	100.0	100.0	97.5
24	98.8	98.8	98.9	99.3	97.7	82.9	69.6	74.7	86.8	96.1	99.5	99.6	91.8
25	94.6	94.3	94.2	94.2	86.6	61.1	48.1	54.1	70.3	84.6	96.2	97.4	81.1
26	84.4	82.9	80.0	78.5	65.3	42.6	32.1	37.8	50.9	69.8	86.6	91.4	66.5
27	64.2	60.7	54.8	54.9	42.2	25.5	15.8	21.7	34.3	51.9	68.8	75.8	47.2
28	39.7	37.3	32.6	34.5	23.6	9.2	2.6	7.1	18.3	36.0	53.0	54.8	28.7
29	21.8	19.2	17.3	19.1	8.2	1.8	0.1	1.2	4.3	18.9	36.7	37.1	15.3
30	9.2	7.3	6.9	5.5	0.8	0.1	0.0	0.0	0.7	7.6	21.6	21.7	6.7
31	3.3	1.3	1.1	0.4	0.0	0.0	0.0	0.0	0.0	1.9	8.5	9.1	2.1
32	1.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.6	1.8	0.4
33	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
37	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NUMBER OF READINGS	2645	2523	2906	2824	2897	2802	2849	2835	2710	2856	2656	2719	33222

STATION: - THURSDAY IS. AERO.

TABLE 29(c)

PERCENTAGE FREQUENCY DISTRIBUTIONS OF RELATIVE HUMIDITIES															
RELATIVE HUMIDITY (%)	MONTH												YEAR	CUMULATIVE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
3-4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
5-6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
7-8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
9-10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
11-12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
13-14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
15-16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
17-18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
19-20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
21-22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
23-24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
25-26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
27-28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
29-30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
31-35	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
36-40	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
41-45	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.0	99.9	0.0
46-50	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.2	0.2	0.4	0.2	0.1	0.1	99.8	0.1
51-55	0.0	0.0	0.0	0.4	0.2	0.3	1.3	1.8	1.7	1.7	1.1	0.6	0.8	99.0	0.2
56-60	0.5	0.2	0.2	1.0	0.6	2.4	3.1	5.0	5.8	5.6	5.9	2.5	2.7	96.3	1.0
61-65	1.2	0.7	0.4	3.7	3.3	5.8	7.9	8.7	10.6	11.2	11.6	7.0	6.0	90.2	3.7
66-70	4.0	2.1	2.4	6.9	8.3	9.1	12.2	12.3	13.4	14.2	12.8	10.3	9.1	81.2	9.8
71-72	2.3	1.5	2.0	4.1	4.9	5.2	4.9	4.8	6.1	5.9	5.2	5.5	4.4	76.8	18.8
73-74	2.8	2.0	2.4	4.5	5.7	5.2	6.5	6.4	6.6	5.5	6.2	5.8	5.0	71.8	23.2
75-76	4.0	3.6	4.0	5.6	5.8	6.1	6.2	5.5	5.1	5.9	6.0	5.8	5.3	66.5	28.2
77-78	5.1	5.8	4.2	5.4	6.7	6.0	6.2	6.2	6.4	6.2	6.1	6.3	5.9	60.6	33.5
79-80	7.3	7.0	5.8	6.4	6.8	6.1	5.5	5.0	5.8	4.7	5.8	6.8	6.1	54.5	39.4
81-82	7.9	7.5	7.7	7.1	6.8	8.4	7.2	6.3	7.3	7.2	6.9	7.0	7.3	47.2	45.5
83-84	9.9	10.1	8.8	7.0	7.7	7.1	6.6	6.8	5.9	5.7	6.1	7.5	7.4	39.8	52.8
85-86	9.4	9.0	8.6	7.3	8.6	8.3	7.7	8.1	6.9	6.0	5.0	7.2	7.7	32.2	60.2
87-88	10.3	9.6	8.9	8.6	7.8	6.6	6.7	6.1	5.0	5.0	5.7	7.4	7.3	24.9	67.8
89-90	9.8	9.4	9.2	7.7	7.0	7.2	5.8	5.9	4.9	5.0	5.4	5.8	6.9	18.0	75.1
91-92	7.7	9.6	10.4	8.8	9.0	6.1	4.7	4.8	3.7	5.1	4.5	5.0	6.6	11.3	82.0
93-94	6.6	8.0	7.7	5.5	5.3	3.5	3.0	2.5	1.7	2.3	2.7	4.0	4.4	7.0	88.7
95-96	5.1	7.5	8.4	5.0	3.5	4.5	2.8	2.7	2.1	1.8	1.7	1.9	3.9	3.1	93.0
97-98	4.3	4.7	6.4	3.7	1.5	1.3	0.9	0.6	0.7	0.6	0.9	2.6	2.3	0.8	96.9
NUMBER OF READINGS	2643	2523	2906	2712	2884	2802	2849	2835	2710	2856	2656	2719	33095		

STATION: - THURSDAY IS. AERO.

TABLE 29(d)

PERCENTAGE FREQUENCY DISTRIBUTION OF ABSOLUTE HUMIDITIES

DEW POINT (C)	VAPOUR PRESSURE (mbar)	MONTH												YEAR	CUMULATIVE	
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
0	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
1	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
2	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
3	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
5	8.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
7	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
8	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
9	11.5	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
10	12.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
11	13.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
12	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	99.9	0.0
13	15.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	99.9	0.1
14	16.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.2	0.0	0.1	0.0	0.0	0.0	99.8	0.1
15	17.1	0.0	0.0	0.0	0.0	0.0	0.2	0.5	0.6	0.2	0.0	0.0	0.0	0.0	99.7	0.2
16	18.2	0.0	0.0	0.0	0.1	0.2	0.3	2.1	1.3	0.7	0.2	0.1	0.0	0.0	99.3	0.3
17	19.4	0.0	0.0	0.0	0.0	0.2	1.1	4.1	3.8	3.2	0.8	0.1	0.0	0.0	98.2	0.7
18	20.6	0.0	0.0	0.0	0.1	0.7	3.8	8.2	9.9	7.4	2.7	0.3	0.0	0.0	95.3	1.8
19	22.0	0.0	0.0	0.0	1.3	2.5	9.2	16.9	16.0	12.9	6.9	1.8	0.3	0.0	89.6	4.7
20	23.4	0.2	0.1	0.0	1.2	2.8	10.5	15.4	12.8	12.7	9.2	3.5	0.9	0.0	83.7	10.4
21	24.9	0.6	0.4	0.7	6.2	10.4	22.2	26.0	24.7	22.0	17.6	10.5	3.3	0.0	71.5	16.3
22	26.4	2.8	2.0	2.8	13.2	21.1	25.2	18.7	20.4	21.0	24.1	20.4	10.6	0.0	56.2	28.5
23	28.1	17.5	15.6	17.5	24.3	33.0	19.5	6.6	9.7	16.7	22.6	26.5	23.1	0.0	36.8	43.8
24	29.8	44.4	42.8	42.6	32.1	24.1	6.7	0.6	0.4	3.2	13.6	22.7	36.6	0.0	14.6	63.2
25	31.7	25.8	29.4	27.0	17.5	4.3	0.9	0.0	0.0	0.0	2.1	10.9	18.6	0.0	3.4	85.4
26	33.6	8.5	9.3	8.9	3.9	0.8	0.0	0.0	0.0	0.0	0.1	3.1	6.4	0.0	0.1	96.6
27	35.6	0.2	0.3	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	99.9
NUMBER OF READINGS		2645	2523	2906	2712	2884	2802	2849	2835	2710	2856	2656	2719	33097		

NUMBER OF DEW POINTS GREATER THAN 38C 0  
NUMBER OF DEW POINTS LESS THAN -15C 0

TABLE 29(e)

STATION:- THURSDAY IS. AERO.

DOUBLE CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION FOR TEMPERATURE AND RELATIVE HUMIDITY

TEMPERATURE (C)	PERCENTAGE OF READINGS AT OR ABOVE GIVEN CONDITIONS																NUM RE
	RELATIVE HUMIDITY (%)																
	0	5	10	15	20	25	30	40	50	60	70	75	80	85	90	95	
16	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.8	96.3	81.2	69.2	54.5	36.1	18.0	5.0	
17	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.8	96.3	81.2	69.2	54.5	36.1	18.0	5.0	
18	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.8	96.3	81.2	69.2	54.5	36.1	5.0	
19	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.8	96.3	81.2	69.2	54.5	36.1	5.0	
20	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.8	96.2	81.2	69.2	54.5	36.1	5.0	
21	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.7	96.2	81.1	69.2	54.5	36.1	18.0	5.0	
22	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.3	95.8	80.7	68.8	54.2	35.8	17.8	5.0	
23	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.3	93.8	78.8	67.0	52.5	34.5	17.1	4.8	
24	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.7	91.5	88.1	73.2	61.8	47.9	31.3	15.5	4.2	
25	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	80.8	77.4	62.9	52.2	39.7	25.3	11.6	2.7	
26	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.2	62.9	49.2	39.5	28.7	16.8	6.5	1.0	
27	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	46.9	44.0	32.3	24.0	15.4	7.1	1.4	0.0	
28	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.6	28.5	26.4	17.7	11.8	5.8	1.3	0.1	0.0	
29	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.1	13.7	8.1	4.5	1.3	0.1	0.0	0.0	
30	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	5.7	2.6	1.0	0.1	0.0	0.0	0.0	
31	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.6	0.4	0.1	0.0	0.0	0.0	0.0	
32	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	
33	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
37	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
NUMBER OF READINGS	15	11	19	169	299	625	752	763	1757	5499	4226	4961	10140	6001	4294	1654	

TABLE 30

STATION:- TOWNSVILLE AERO.

BUREAU OF METEOROLOGY NUMBER:- 32040

LATITUDE:- 19 15 E

LONGITUDE:- 146 46 S

ELEVATION:- 3m AMSL

PERIOD OF RECORD:- 1/11/1962 TO 31/12/1976

TABLE OF MISSING READINGS

TIME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0000	1	2	2	0	0	3	2	1	0	1	0	2	14
0300	1	4	0	2	2	4	4	4	1	2	4	0	28
0600	0	4	3	2	2	4	7	6	1	2	0	2	33
0900	1	3	0	0	0	1	0	1	0	0	0	1	7
1200	0	0	1	0	0	2	1	2	1	0	0	0	7
1500	0	0	1	0	0	1	1	0	0	0	0	0	3
1800	0	0	0	0	0	1	1	0	0	0	5	1	8
2100	2	2	0	1	1	2	0	0	0	0	0	0	8
TOTAL	5	15	7	5	5	18	16	14	3	5	9	6	108

STATION: - TOWNSVILLE AERO.

TABLE 30(a)

## PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURES

TEMPERATURE (C)	MONTH												YEAR	CUMULATIVE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
7	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.3	0.5	0.2	0.0	0.0	0.0	0.0	0.1	99.9	0.0
9	0.0	0.0	0.0	0.0	0.1	0.4	1.0	0.4	0.0	0.0	0.0	0.0	0.2	99.7	0.1
10	0.0	0.0	0.0	0.0	0.1	1.0	1.2	0.4	0.0	0.0	0.0	0.0	0.2	99.5	0.3
11	0.0	0.0	0.0	0.0	0.2	1.3	2.1	0.6	0.1	0.0	0.0	0.0	0.4	99.1	0.5
12	0.0	0.0	0.0	0.0	0.5	1.7	2.6	1.4	0.1	0.0	0.0	0.0	0.5	98.6	0.9
13	0.0	0.0	0.0	0.0	0.7	2.0	3.2	1.5	0.6	0.0	0.0	0.0	0.7	97.9	1.4
14	0.0	0.0	0.0	0.0	1.2	3.4	3.8	2.3	0.7	0.1	0.0	0.0	1.0	96.9	2.1
15	0.0	0.0	0.0	0.1	1.6	3.4	3.7	2.4	1.0	0.1	0.0	0.0	1.0	95.9	3.1
16	0.0	0.0	0.0	0.2	2.2	4.7	5.5	4.0	2.0	0.3	0.0	0.0	1.6	94.3	4.1
17	0.0	0.0	0.0	0.4	3.0	6.4	6.7	5.9	2.7	0.5	0.0	0.0	2.1	92.2	5.7
18	0.0	0.0	0.0	1.0	3.8	7.3	8.9	6.1	4.0	1.0	0.0	0.0	2.7	89.5	7.8
19	0.0	0.0	0.2	2.3	6.0	9.2	10.3	8.4	5.4	1.9	0.3	0.0	3.7	85.8	10.5
20	0.0	0.0	0.5	3.6	6.8	9.1	9.3	8.9	7.2	2.7	0.6	0.1	4.1	81.7	14.2
21	0.1	0.2	1.3	7.0	9.9	11.8	11.4	12.9	9.3	5.6	1.1	0.4	5.9	75.8	18.3
22	1.5	0.9	3.3	8.5	12.5	10.5	8.1	12.1	13.0	9.5	3.8	2.2	7.2	68.6	24.2
23	4.4	4.8	7.6	11.7	13.0	8.7	7.5	10.6	13.4	11.5	6.3	5.3	8.7	59.9	31.4
24	10.0	11.2	12.5	13.2	11.6	7.3	6.8	9.1	12.2	14.9	9.3	8.9	10.6	49.3	40.1
25	9.7	12.1	12.3	10.6	7.0	6.2	4.1	5.8	9.2	12.1	11.7	9.3	9.1	40.1	50.7
26	11.4	14.5	15.0	12.0	8.3	3.7	2.1	3.9	9.7	11.9	16.7	12.8	10.1	30.0	59.9
27	14.3	15.0	14.9	10.1	7.6	0.8	0.7	1.9	6.0	12.9	15.1	16.8	9.7	20.3	70.0
28	15.3	14.9	12.8	9.3	2.4	0.4	0.2	0.8	1.8	8.5	12.8	15.5	7.9	12.5	79.7
29	14.1	11.4	9.2	7.4	1.2	0.1	0.0	0.3	0.7	3.3	10.3	12.3	5.8	6.6	87.5
30	7.9	7.9	6.4	1.9	0.2	0.0	0.0	0.1	0.3	1.7	6.2	7.4	3.3	3.3	93.4
31	6.3	4.9	2.8	0.6	0.0	0.0	0.0	0.0	0.3	1.0	3.6	5.5	2.1	1.2	96.7
32	3.0	1.6	0.8	0.1	0.0	0.0	0.0	0.0	0.1	0.3	1.3	2.2	0.8	0.5	98.8
33	1.0	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.8	0.3	0.2	99.5
34	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.1	0.1	99.8
35	0.3	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.1	99.9
36	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	99.9
37	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	100.0
38	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
39	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
NUMBER OF READINGS	3467	3152	3465	3355	3467	3342	3456	3458	3357	3466	3351	3466	40802		

STATION: - TOWNSVILLE AERO.

TABLE 30(b)

CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURES  
PERCENTAGE OF READINGS AT OR ABOVE GIVEN TEMPERATURE  
MONTH

TEMPERATURE (C)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
7	100.0	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
8	100.0	100.0	100.0	100.0	100.0	99.8	99.7	100.0	100.0	100.0	100.0	100.0	100.0
9	100.0	100.0	100.0	100.0	100.0	99.5	99.2	99.8	100.0	100.0	100.0	100.0	99.9
10	100.0	100.0	100.0	100.0	99.9	99.1	98.2	99.4	100.0	100.0	100.0	100.0	99.7
11	100.0	100.0	100.0	100.0	99.9	98.0	97.0	99.0	99.9	100.0	100.0	100.0	99.5
12	100.0	100.0	100.0	100.0	99.6	96.7	94.9	98.4	99.8	100.0	100.0	100.0	99.1
13	100.0	100.0	100.0	100.0	99.1	95.0	92.3	97.0	99.6	100.0	100.0	100.0	98.6
14	100.0	100.0	100.0	100.0	98.4	93.0	89.2	95.5	99.1	100.0	100.0	100.0	97.9
15	100.0	100.0	100.0	100.0	97.1	89.6	85.3	93.2	98.4	99.9	100.0	100.0	96.9
16	100.0	100.0	100.0	99.9	95.6	86.2	81.7	90.8	97.3	99.8	100.0	100.0	95.9
17	100.0	100.0	100.0	99.7	93.4	81.5	76.2	86.8	95.3	99.5	100.0	100.0	94.3
18	100.0	100.0	100.0	99.3	90.3	75.1	69.4	81.0	92.6	99.0	100.0	100.0	92.2
19	100.0	100.0	100.0	98.4	86.5	67.8	60.5	74.9	88.6	98.1	100.0	100.0	89.5
20	100.0	100.0	99.8	96.1	80.5	58.6	50.2	66.5	83.2	96.1	99.7	100.0	85.8
21	100.0	100.0	99.3	92.4	73.7	49.5	40.9	57.6	76.0	93.4	99.1	99.9	81.7
22	99.9	99.8	98.0	85.4	63.8	37.7	29.5	44.7	66.7	87.8	98.0	99.5	75.8
23	98.4	98.9	94.7	76.9	51.3	27.2	21.4	32.5	53.8	78.3	94.2	97.3	68.6
24	94.0	94.1	87.1	65.3	38.3	18.5	13.9	21.9	40.4	66.8	87.8	92.0	59.9
25	84.1	82.9	74.6	52.1	26.7	11.2	7.1	12.9	28.2	51.8	78.5	83.1	49.3
26	74.4	70.8	62.3	41.5	19.7	5.0	3.0	7.1	18.9	39.7	66.9	73.8	40.1
27	63.0	56.3	47.3	29.5	11.4	1.3	0.9	3.2	9.3	27.9	50.2	61.0	30.0
28	48.6	41.3	32.4	19.4	3.8	0.5	0.2	1.3	3.2	15.0	35.0	44.2	20.3
29	33.3	26.4	19.7	10.1	1.4	0.1	0.1	0.5	1.4	6.5	22.3	28.7	12.5
30	19.2	15.0	10.4	2.7	0.2	0.0	0.0	0.1	0.7	3.2	12.0	16.4	6.6
31	11.2	7.2	4.0	0.8	0.0	0.0	0.0	0.1	0.4	1.6	5.8	8.9	3.3
32	4.9	2.3	1.2	0.2	0.0	0.0	0.0	0.1	0.1	0.6	2.2	3.5	1.2
33	1.9	0.7	0.4	0.1	0.0	0.0	0.0	0.1	0.1	0.3	1.0	1.2	0.5
34	0.9	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	0.4	0.2
35	0.6	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.2	0.1
36	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
37	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
38	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
39	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NUMBER OF READINGS	3467	3152	3465	3355	3467	3342	3456	3458	3357	3466	3351	3466	40802

STATION: - TOWNSVILLE AERO.

TABLE 30(c)

## PERCENTAGE FREQUENCY DISTRIBUTIONS OF RELATIVE HUMIDITIES

RELATIVE HUMIDITY (%)	MONTH												YEAR	CUMULATIVE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
3-4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
5-6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
7-8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	100.0	0.0
9-10	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.1	0.1	0.0	0.0	99.9	0.0
11-12	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.0	0.1	99.9	0.1
13-14	0.0	0.0	0.0	0.1	0.0	0.0	0.2	0.3	0.2	0.2	0.2	0.0	0.1	99.8	0.1
15-16	0.0	0.0	0.0	0.1	0.0	0.1	0.3	0.2	0.5	0.2	0.2	0.0	0.1	99.6	0.2
17-18	0.0	0.0	0.0	0.1	0.1	0.3	0.6	0.5	0.4	0.3	0.0	0.0	0.2	99.4	0.4
19-20	0.1	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.3	0.3	0.0	0.1	0.1	99.3	0.6
21-22	0.0	0.0	0.1	0.1	0.1	0.3	0.5	0.5	0.3	0.3	0.1	0.0	0.2	99.1	0.7
23-24	0.0	0.0	0.1	0.1	0.5	0.3	0.8	0.7	0.5	0.2	0.1	0.1	0.3	98.8	0.9
25-26	0.0	0.0	0.1	0.1	0.4	0.6	0.7	0.7	0.4	0.3	0.2	0.1	0.3	98.5	1.2
27-28	0.1	0.0	0.0	0.1	0.4	0.8	1.1	1.1	0.3	0.3	0.1	0.0	0.4	98.1	1.5
29-30	0.1	0.0	0.0	0.1	0.5	0.8	0.8	0.8	0.3	0.3	0.1	0.0	0.3	97.8	1.9
31-35	0.2	0.0	0.2	0.6	1.4	2.2	2.6	1.6	0.7	0.6	0.3	0.2	0.9	96.9	2.2
36-40	0.3	0.1	0.2	0.7	2.1	3.2	2.9	1.6	1.6	0.9	0.7	0.6	1.2	95.7	3.1
41-45	0.6	0.2	0.1	1.5	2.6	3.2	3.8	2.6	2.7	1.7	1.5	1.2	1.8	93.9	4.3
46-50	1.5	0.7	1.2	3.0	4.3	5.1	5.2	3.9	4.2	4.8	4.1	2.7	3.4	90.5	6.1
51-55	4.6	2.3	3.6	6.1	6.5	6.4	6.3	5.2	7.7	9.8	8.2	7.2	6.2	84.3	9.5
56-60	6.9	5.6	6.8	9.4	8.9	8.9	8.3	7.5	11.5	11.2	10.7	10.1	8.8	75.4	15.7
61-65	11.1	9.9	9.9	14.2	10.8	9.1	8.9	8.4	13.0	12.9	14.1	13.6	11.3	64.1	24.6
66-70	13.2	12.7	12.4	12.2	11.0	10.3	9.6	9.3	12.5	14.3	14.6	15.8	12.3	51.8	35.9
71-72	6.3	5.5	5.4	4.6	4.1	3.5	4.4	4.3	5.1	5.8	5.1	5.5	5.0	46.8	48.2
73-74	6.5	6.5	6.1	5.6	5.0	4.1	4.1	4.2	5.5	5.9	7.5	6.4	5.6	41.2	53.2
75-76	5.8	5.8	5.3	4.1	3.9	4.1	3.7	3.7	4.9	4.8	6.5	6.1	4.9	36.3	58.8
77-78	7.0	6.3	5.9	5.5	5.0	3.9	4.1	4.8	5.3	5.5	6.4	6.2	5.5	30.8	63.7
79-80	5.2	5.9	5.2	4.2	4.6	3.5	3.6	5.1	4.1	4.4	4.3	4.5	4.6	26.3	69.2
81-82	5.1	5.2	5.8	4.9	4.7	4.4	4.1	5.3	3.6	3.8	4.0	3.3	4.5	21.7	73.7
83-84	4.7	6.8	5.7	4.6	4.2	4.4	4.2	5.2	4.2	3.2	3.2	4.3	4.6	17.2	78.3
85-86	4.1	6.5	4.9	4.5	3.8	3.1	2.9	4.5	2.6	2.0	2.5	3.0	3.7	13.5	82.8
87-88	3.4	4.7	4.6	3.8	3.8	4.2	4.4	4.4	2.4	2.0	2.2	2.6	3.5	10.0	86.5
89-90	4.1	4.9	4.9	3.4	3.5	3.9	3.4	4.7	2.0	1.8	1.4	2.5	3.4	6.6	90.0
91-92	3.5	4.5	4.4	2.4	2.5	3.1	2.4	2.3	1.3	0.8	0.4	1.5	2.4	4.2	93.4
93-94	2.1	2.1	3.0	2.3	2.6	2.5	3.2	3.2	1.1	0.5	0.6	0.7	2.0	2.2	95.8
95-96	2.1	2.6	2.8	1.5	1.8	2.2	1.5	2.0	0.4	0.3	0.3	0.9	1.5	0.7	97.8
97-98	0.8	0.9	0.8	0.3	0.4	0.9	0.7	0.5	0.1	0.1	0.0	0.4	0.5	0.2	99.3
NUMBER OF READINGS	3467	3153	3465	3355	3467	3342	3456	3458	3357	3467	3351	3466	40804		

STATION:- TOWNSVILLE AERO.

TABLE 30(d)

## PERCENTAGE FREQUENCY DISTRIBUTION OF ABSOLUTE HUMIDITIES

DEW POINT (C)	VAPOUR PRESSURE (mbar)	MONTH												YEAR	CUMULATIVE	
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
-10	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
-9	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.2	0.0	0.0	0.0	0.0	99.9	0.0
-8	3.3	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.2	0.1	0.0	0.0	0.0	99.9	0.1
-7	3.6	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	99.9	0.1
-6	3.9	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.2	0.1	0.0	0.0	0.0	0.1	99.8	0.1
-5	4.3	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.2	0.2	0.1	0.0	0.0	0.1	99.7	0.2
-4	4.6	0.0	0.0	0.0	0.0	0.1	0.3	0.6	0.2	0.1	0.1	0.1	0.0	0.1	99.6	0.3
-3	4.9	0.0	0.0	0.0	0.1	0.1	0.5	0.5	0.5	0.2	0.2	0.0	0.0	0.2	99.4	0.4
-2	5.3	0.0	0.0	0.1	0.1	0.0	0.3	0.4	0.7	0.4	0.1	0.2	0.0	0.2	99.3	0.6
-1	5.7	0.0	0.0	0.0	0.0	0.2	0.3	1.0	0.5	0.1	0.1	0.0	0.0	0.2	99.1	0.7
0	6.2	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.4	0.2	0.1	0.1	0.0	0.1	98.9	0.9
1	6.7	0.0	0.0	0.1	0.1	0.3	0.7	1.1	0.8	0.3	0.2	0.1	0.0	0.3	98.6	1.1
2	7.1	0.0	0.0	0.0	0.1	0.5	0.9	1.4	0.9	0.3	0.3	0.1	0.0	0.4	98.2	1.4
3	7.7	0.1	0.0	0.0	0.1	0.7	1.3	1.9	0.9	0.4	0.2	0.1	0.0	0.5	97.8	1.8
4	8.2	0.0	0.0	0.0	0.1	0.5	1.6	2.1	0.8	0.4	0.2	0.0	0.0	0.5	97.3	2.2
5	8.7	0.0	0.0	0.0	0.0	0.7	1.0	1.1	0.7	0.3	0.3	0.0	0.0	0.4	96.9	2.7
6	9.4	0.1	0.0	0.0	0.1	0.7	2.3	2.3	1.4	0.4	0.3	0.0	0.0	0.6	96.3	3.1
7	10.0	0.0	0.0	0.0	0.1	1.2	3.1	2.9	1.7	0.7	0.2	0.1	0.0	0.9	95.4	3.7
8	10.7	0.0	0.0	0.0	0.1	1.5	2.9	3.7	2.2	0.8	0.3	0.1	0.1	1.0	94.4	4.6
9	11.5	0.0	0.0	0.0	0.2	1.7	3.7	3.9	2.7	1.1	0.3	0.1	0.1	1.2	93.3	5.6
10	12.3	0.1	0.0	0.0	0.1	1.0	2.7	4.3	2.3	1.4	0.5	0.1	0.0	1.0	92.2	6.7
11	13.1	0.1	0.0	0.1	0.5	2.7	4.9	6.0	3.6	1.9	0.9	0.1	0.1	1.8	90.5	7.8
12	14.0	0.1	0.0	0.0	0.7	4.0	6.9	8.9	6.4	4.4	1.2	0.3	0.0	2.8	87.7	9.5
13	15.0	0.1	0.0	0.2	0.8	4.7	10.1	10.0	6.4	6.3	2.0	0.5	0.1	3.5	84.3	12.3
14	16.0	0.1	0.0	0.2	2.1	6.4	11.2	11.6	9.2	8.5	4.0	1.0	0.3	4.6	79.7	15.7
15	17.1	0.0	0.0	0.1	1.9	6.1	8.3	7.9	7.7	9.6	4.5	1.6	0.5	4.0	75.6	20.3
16	18.2	0.3	0.2	0.4	6.3	10.4	12.4	10.3	13.6	15.5	10.5	4.6	1.4	7.2	68.5	24.4
17	19.4	0.7	0.7	2.2	11.6	15.0	9.6	8.4	14.6	17.5	17.9	7.8	4.2	9.2	59.2	31.5
18	20.6	1.8	2.1	5.3	16.5	15.1	6.4	5.2	10.0	14.9	19.0	10.5	8.6	9.7	49.6	40.8
19	22.0	5.9	5.6	10.4	21.4	12.6	4.7	2.0	7.1	8.2	15.2	15.4	13.1	10.1	39.4	50.4
20	23.4	8.2	6.7	11.2	14.4	5.0	1.9	0.3	2.5	2.7	7.1	13.2	10.2	6.9	32.5	60.6
21	24.9	19.0	16.5	18.9	13.8	5.4	1.0	0.3	1.4	1.5	7.1	19.1	18.8	10.2	22.3	67.5
22	26.4	22.3	21.9	21.1	5.9	2.3	0.4	0.1	0.2	0.7	4.2	13.1	17.8	9.1	13.2	77.7
23	28.1	23.7	22.5	16.4	2.0	0.6	0.1	0.0	0.0	0.1	2.6	8.4	15.8	7.6	5.5	86.8
24	29.8	12.0	17.6	9.6	0.8	0.0	0.0	0.0	0.0	0.0	0.3	2.9	7.0	4.1	1.4	94.5
25	31.7	3.4	4.7	2.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.3	1.0	0.4	98.6
26	33.6	1.6	1.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.3	0.0	99.6
27	35.6	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	100.0
NUMBER OF READINGS		3467	3153	3465	3355	3467	3342	3456	3458	3357	3467	3351	3466	40804		

NUMBER OF DEW POINTS GREATER THAN 38C 0  
NUMBER OF DEW POINTS LESS THAN -15C 0

STATION: - TOWNSVILLE AERO.

TABLE 30(e)

## DOUBLE CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION FOR TEMPERATURE AND RELATIVE HUMIDITY

TEMPERATURE (C)	PERCENTAGE OF READINGS AT OR ABOVE GIVEN CONDITIONS RELATIVE HUMIDITY (%)																NUMBER OF READINGS
	0	5	10	15	20	25	30	40	50	60	70	75	80	85	90	95	
7	100.0	100.0	99.9	99.7	99.3	98.7	97.8	95.7	90.5	75.4	51.8	38.4	26.3	15.3	6.6	1.3	14
8	100.0	100.0	99.9	99.7	99.3	98.6	97.8	95.7	90.4	75.4	51.7	38.4	26.2	15.3	6.6	1.3	36
9	99.9	99.9	99.8	99.6	99.2	98.5	97.7	95.6	90.3	75.3	51.7	38.4	26.2	15.3	6.6	1.3	64
10	99.7	99.7	99.6	99.4	99.0	98.4	97.5	95.4	90.2	75.2	51.5	38.2	26.1	15.2	6.6	1.2	93
11	99.5	99.5	99.4	99.2	98.8	98.2	97.3	95.2	90.0	75.0	51.4	38.1	26.0	15.1	6.5	1.2	148
12	99.1	99.1	99.1	98.8	98.4	97.8	96.9	94.8	89.6	74.6	51.1	37.8	25.8	15.0	6.5	1.2	220
13	98.6	98.6	98.5	98.3	97.9	97.3	96.4	94.3	89.1	74.2	50.7	37.5	25.5	14.8	6.4	1.2	272
14	97.9	97.9	97.9	97.6	97.2	96.6	95.8	93.7	88.5	73.6	50.1	37.0	25.1	14.5	6.2	1.2	398
15	96.9	96.9	96.9	96.7	96.3	95.6	94.8	92.8	87.6	72.7	49.4	36.3	24.5	14.1	6.0	1.2	416
16	95.9	95.9	95.9	95.6	95.2	94.6	93.8	91.8	86.7	71.9	48.6	35.6	23.9	13.7	5.8	1.1	647
17	94.3	94.3	94.3	94.1	93.7	93.0	92.3	90.3	85.3	70.5	47.4	34.5	23.1	13.1	5.5	1.0	874
18	92.2	92.2	92.1	91.9	91.5	90.9	90.2	88.3	83.3	68.8	45.8	33.2	22.0	12.4	5.1	1.0	1097
19	89.5	89.5	89.4	89.2	88.9	88.3	87.6	85.8	81.0	66.6	43.9	31.6	20.8	11.6	4.8	0.9	1505
20	85.8	85.8	85.8	85.5	85.2	84.7	84.0	82.3	77.6	63.6	41.4	29.5	19.1	10.5	4.3	0.8	1667
21	81.7	81.7	81.7	81.5	81.1	80.6	80.0	78.4	73.8	60.1	38.6	27.2	17.4	9.6	3.9	0.8	2427
22	75.8	75.8	75.7	75.5	75.2	74.7	74.2	72.7	68.3	55.0	34.7	24.2	15.4	8.5	3.5	0.7	2933
23	68.6	68.6	68.5	68.4	68.1	67.7	67.2	65.9	61.7	49.0	30.2	20.7	13.0	7.1	2.9	0.6	3566
24	59.9	59.9	59.8	59.6	59.4	59.0	58.7	57.6	53.8	41.9	25.0	16.7	10.2	5.4	2.2	0.4	4321
25	49.3	49.3	49.2	49.1	48.9	48.6	48.3	47.4	44.2	33.4	18.9	12.0	6.7	3.1	1.1	0.1	3732
26	40.1	40.1	40.1	39.9	39.8	39.5	39.3	38.5	35.8	26.2	13.9	8.2	4.1	1.6	0.4	0.0	4132
27	30.0	30.0	29.9	29.8	29.7	29.5	29.3	28.7	26.5	18.4	8.8	4.5	1.8	0.5	0.1	0.0	3941
28	20.3	20.3	20.3	20.2	20.1	20.0	19.8	19.3	17.6	11.5	4.5	1.9	0.6	0.1	0.0	0.0	3207
29	12.5	12.5	12.4	12.4	12.3	12.2	12.1	11.7	10.4	6.2	1.7	0.6	0.1	0.0	0.0	0.0	2380
30	6.6	6.6	6.6	6.5	6.5	6.4	6.3	6.0	5.2	2.7	0.5	0.1	0.0	0.0	0.0	0.0	1353
31	3.3	3.3	3.3	3.2	3.2	3.1	3.0	2.9	2.4	1.0	0.1	0.0	0.0	0.0	0.0	0.0	846
32	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.0	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	317
33	0.5	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	105
34	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36
35	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22
36	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15
37	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6
38	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4
39	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3
40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
NUMBER OF READINGS	118	173	192	168	263	344	865	2138	6133	9650	5447	5022	4887	3559	2180	511	41650

TABLE 31

STATION:- WAGGA AERO

BUREAU OF METEOROLOGY NUMBER:- 74112

LATITUDE:- 35 06 E

LONGITUDE:- 147 30 S

ELEVATION:- 214m AMSL

PERIOD OF RECORD:- 1/10/1962 TO 31/12/1974

TABLE OF MISSING READINGS

TIME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0000	371	339	371	359	372	360	372	372	360	372	360	372	4380
0300	0	1	1	5	19	41	52	41	27	18	6	3	214
0600	1	1	0	11	26	38	65	39	33	15	3	1	233
0900	0	1	1	5	17	24	32	19	10	2	1	1	113
1200	0	0	0	1	5	9	12	4	0	0	0	0	31
1500	1	1	0	2	32	1	0	0	0	0	1	0	38
1800	1	0	0	0	2	3	2	2	0	2	1	0	13
2100	0	0	0	1	5	14	22	5	5	1	2	2	57
TOTAL	374	343	373	384	478	490	557	482	435	410	374	379	5079

STATION: - WAGGA AERO

TABLE 31(a)

## PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURES

TEMPERATURE (C)	MONTH												YEAR	CUMULATIVE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
-3	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	100.0	0.0
-2	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.1	0.0	0.0	0.0	0.1	99.8	0.0
-1	0.0	0.0	0.0	0.0	0.1	0.9	0.9	0.4	0.2	0.0	0.0	0.0	0.2	99.6	0.2
0	0.0	0.0	0.0	0.0	0.3	1.8	1.9	1.1	0.6	0.1	0.0	0.0	0.5	99.2	0.4
1	0.0	0.0	0.0	0.0	0.7	2.0	2.4	1.9	1.2	0.3	0.0	0.0	0.7	98.5	0.8
2	0.0	0.0	0.0	0.1	1.2	3.4	4.2	2.4	2.1	0.5	0.0	0.0	1.1	97.4	1.5
3	0.0	0.0	0.0	0.3	2.4	4.4	4.3	3.2	2.6	1.0	0.2	0.0	1.5	95.9	2.6
4	0.0	0.0	0.1	0.4	2.8	4.4	6.2	3.5	2.8	1.1	0.5	0.0	1.8	94.1	4.1
5	0.0	0.0	0.1	1.0	3.2	5.6	7.3	5.5	2.5	1.5	0.6	0.0	2.2	91.8	5.9
6	0.0	0.0	0.3	1.6	4.6	6.7	9.3	7.1	4.7	2.1	1.2	0.2	3.1	88.7	8.2
7	0.0	0.2	0.6	2.0	5.8	8.8	9.8	9.1	5.5	2.8	2.0	0.4	3.8	84.9	11.3
8	0.1	0.2	0.9	2.6	7.4	10.8	11.8	8.8	6.8	4.2	2.5	1.0	4.7	80.2	15.1
9	0.2	0.2	1.0	2.7	9.2	9.3	10.9	9.9	7.1	4.0	2.7	1.3	4.8	75.4	19.8
10	0.3	0.5	1.4	3.6	8.4	8.5	7.6	9.9	7.7	4.8	2.8	1.4	4.7	70.7	24.6
11	1.0	0.3	1.7	4.8	7.8	7.7	7.9	9.1	8.1	6.0	3.6	1.6	4.9	65.8	29.3
12	1.3	1.2	2.6	6.4	9.1	7.6	5.4	8.3	8.4	5.5	4.4	2.2	5.2	60.6	34.2
13	1.7	1.8	2.7	6.3	6.4	6.1	4.4	6.3	7.6	6.4	4.6	2.8	4.7	55.9	39.4
14	1.8	1.9	3.0	6.1	6.0	4.9	2.4	4.9	7.0	6.4	6.0	3.0	4.4	51.4	44.1
15	1.9	2.4	3.5	7.8	6.3	1.9	1.4	3.0	5.1	6.2	5.7	4.4	4.2	47.3	48.6
16	3.3	2.8	4.8	7.8	4.5	2.1	0.8	2.1	5.6	6.9	6.5	4.3	4.3	42.9	52.7
17	3.7	3.9	5.6	7.9	4.1	1.2	0.4	1.5	4.5	7.8	5.9	5.2	4.3	38.6	57.1
18	4.9	4.5	7.5	7.1	3.2	0.8	0.1	0.5	2.7	5.5	5.6	4.7	4.0	34.6	61.4
19	5.0	4.3	6.1	4.6	2.0	0.3	0.0	0.5	2.2	5.0	5.7	5.3	3.5	31.2	65.4
20	5.1	6.7	5.6	5.2	1.4	0.0	0.0	0.4	1.8	4.1	4.9	6.0	3.5	27.7	68.8
21	6.5	6.5	6.8	4.7	1.3	0.0	0.0	0.2	1.1	4.6	5.1	6.0	3.6	24.1	72.3
22	5.8	5.5	6.2	4.1	0.6	0.0	0.0	0.1	0.7	3.7	4.6	5.4	3.1	21.0	75.9
23	6.0	5.5	5.6	3.8	0.7	0.0	0.0	0.0	0.5	2.8	4.3	5.2	2.9	18.1	79.0
24	5.6	5.8	5.4	2.9	0.4	0.0	0.0	0.0	0.2	2.0	4.2	4.9	2.6	15.4	81.9
25	5.3	5.7	5.1	2.4	0.2	0.0	0.0	0.0	0.1	1.4	3.3	3.7	2.3	13.1	84.6
26	4.8	5.9	4.9	1.5	0.0	0.0	0.0	0.0	0.1	1.1	2.8	5.4	2.2	10.9	86.9
27	6.1	5.8	4.5	1.0	0.0	0.0	0.0	0.0	0.1	0.7	2.8	4.4	2.1	8.7	89.1
28	5.6	6.2	3.9	0.6	0.0	0.0	0.0	0.0	0.0	0.7	2.2	3.9	2.0	6.8	91.3
29	4.1	4.4	2.7	0.5	0.0	0.0	0.0	0.0	0.0	0.2	1.2	3.5	1.4	5.4	93.2
30	4.8	4.1	2.4	0.1	0.0	0.0	0.0	0.0	0.0	0.3	1.1	2.9	1.3	4.1	94.6
31	3.4	3.8	1.5	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.8	3.2	1.1	3.0	95.9
32	3.2	2.5	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	2.2	0.9	2.1	97.0
33	2.5	1.8	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	2.1	0.7	1.4	97.9
34	1.6	1.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.3	0.4	1.0	98.6
35	1.1	1.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.8	0.4	0.6	99.0
36	1.5	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.3	0.4	99.4
37	0.4	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.1	0.2	99.6
38	0.8	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.1	99.8
39	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	99.9
40	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	100.0
41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	100.0
42	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
43	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
NUMBER OF READINGS	2602	2369	2603	2496	2498	2388	2419	2494	2445	2566	2506	2597	29983		

STATION: - WAGGA AERO

TABLE 31(b)

CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURES  
PERCENTAGE OF READINGS AT OR ABOVE GIVEN TEMPERATURE  
MONTH

TEMPERATURE (C)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
-3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
-2	100.0	100.0	100.0	100.0	100.0	99.9	99.8	99.9	100.0	100.0	100.0	100.0	100.0
-1	100.0	100.0	100.0	100.0	100.0	99.1	99.5	99.7	99.9	100.0	100.0	100.0	99.8
0	100.0	100.0	100.0	100.0	99.9	98.2	98.6	99.2	99.7	100.0	100.0	100.0	99.6
1	100.0	100.0	100.0	100.0	99.6	96.5	96.7	98.2	99.1	99.8	100.0	100.0	99.2
2	100.0	100.0	100.0	100.0	99.0	94.5	94.3	96.3	97.9	99.5	100.0	100.0	98.5
3	100.0	100.0	100.0	99.9	97.7	91.1	90.1	93.9	95.8	99.1	100.0	100.0	97.4
4	100.0	100.0	100.0	99.6	95.4	86.7	85.8	90.7	93.2	98.1	99.8	100.0	95.9
5	100.0	100.0	99.9	99.2	92.6	82.3	79.5	87.2	90.4	96.9	99.3	100.0	94.1
6	100.0	100.0	99.8	98.2	89.4	76.8	72.2	81.7	87.9	95.4	98.7	100.0	91.8
7	100.0	100.0	99.6	96.6	84.8	70.1	62.9	74.6	83.1	93.3	97.5	99.8	88.7
8	100.0	99.8	99.0	94.7	79.0	61.2	53.1	65.5	77.7	90.4	95.6	99.4	84.9
9	99.9	99.7	98.0	92.1	71.5	50.4	41.3	56.7	70.8	86.2	93.1	98.3	80.2
10	99.8	99.5	97.0	89.4	62.4	41.1	30.5	46.8	63.7	82.2	90.3	97.0	75.4
11	99.5	99.0	95.6	85.7	54.0	32.6	22.8	36.9	56.0	77.4	87.5	95.6	70.7
12	98.5	98.6	94.0	81.0	46.2	24.9	14.9	27.8	47.9	71.4	83.9	94.0	65.8
13	97.2	97.5	91.4	74.6	37.1	17.3	9.5	19.4	39.5	65.9	79.5	91.8	60.6
14	95.5	95.7	88.7	68.3	30.7	11.2	5.2	13.2	31.9	59.5	74.9	89.0	55.9
15	93.6	93.8	85.7	62.2	24.7	6.4	2.8	8.3	24.9	53.2	68.9	86.0	51.4
16	91.7	91.3	82.2	54.4	18.4	4.4	1.3	5.3	19.8	47.0	63.2	81.7	47.3
17	88.4	88.5	77.4	46.6	13.9	2.3	0.5	3.1	14.2	40.0	56.7	77.4	42.9
18	84.7	84.6	71.8	38.7	9.8	1.1	0.1	1.6	9.7	32.3	50.8	72.2	38.6
19	79.9	80.1	64.3	31.6	6.6	0.3	0.0	1.2	7.0	26.8	45.2	67.5	34.6
20	74.8	75.9	58.2	26.9	4.6	0.1	0.0	0.7	4.7	21.8	39.5	62.2	31.2
21	69.8	69.1	52.7	21.8	3.2	0.0	0.0	0.2	2.9	17.7	34.5	56.1	27.7
22	63.3	62.6	45.9	17.1	1.9	0.0	0.0	0.1	1.8	13.1	29.4	50.1	24.1
23	57.5	57.2	39.6	13.0	1.3	0.0	0.0	0.0	1.1	9.5	24.8	44.7	21.0
24	51.4	51.7	34.1	9.1	0.6	0.0	0.0	0.0	0.6	6.6	20.5	39.5	18.1
25	45.8	45.9	28.7	6.2	0.2	0.0	0.0	0.0	0.4	4.6	16.4	34.6	15.4
26	40.5	40.2	23.5	3.8	0.0	0.0	0.0	0.0	0.3	3.2	13.0	30.9	13.1
27	35.7	34.3	18.7	2.3	0.0	0.0	0.0	0.0	0.2	2.1	10.2	25.6	10.9
28	29.6	28.5	14.2	1.4	0.0	0.0	0.0	0.0	0.1	1.4	7.4	21.1	8.7
29	23.9	22.3	10.3	0.7	0.0	0.0	0.0	0.0	0.1	0.7	5.3	17.3	6.8
30	19.8	17.9	7.6	0.2	0.0	0.0	0.0	0.0	0.1	0.5	4.0	13.7	5.4
31	15.1	13.8	5.2	0.1	0.0	0.0	0.0	0.0	0.0	0.2	2.9	10.9	4.1
32	11.7	10.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.1	2.1	7.6	3.0
33	8.5	7.5	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.2	5.4	2.1
34	5.9	5.7	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	3.3	1.4
35	4.3	4.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.9	1.0
36	3.2	2.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.1	0.6
37	1.8	1.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.7	0.4
38	1.3	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.2
39	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1
40	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0
41	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
42	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NUMBER OF READINGS	2602	2369	2603	2496	2498	2388	2419	2494	2445	2566	2506	2597	29983

STATION: - WAGGA AERO

TABLE 31(c)

## PERCENTAGE FREQUENCY DISTRIBUTIONS OF RELATIVE HUMIDITIES

RELATIVE HUMIDITY (%)	MONTH												YEAR	CUMULATIVE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
3-4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
5-6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	100.0	0.0
7-8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	99.9	0.0
9-10	0.4	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.1	99.8	0.1
11-12	0.9	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.7	0.2	99.6	0.2
13-14	0.9	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.8	0.3	99.3	0.4
15-16	1.1	1.0	0.5	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.6	1.2	0.4	99.0	0.7
17-18	1.7	1.4	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.5	0.9	2.0	0.6	98.3	1.0
19-20	2.1	1.6	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.3	1.1	2.4	0.7	97.6	1.7
21-22	2.3	1.9	1.3	0.5	0.0	0.0	0.0	0.0	0.0	0.5	1.4	2.8	0.9	96.7	2.4
23-24	2.7	2.6	1.5	0.5	0.0	0.0	0.0	0.0	0.1	0.6	1.4	2.7	1.0	95.6	3.3
25-26	2.8	2.5	1.8	0.5	0.1	0.0	0.0	0.0	0.1	0.7	2.1	3.4	1.2	94.5	4.4
27-28	3.1	1.9	2.2	0.9	0.2	0.0	0.0	0.0	0.2	0.5	1.7	3.4	1.2	93.3	5.5
29-30	3.2	3.3	2.2	1.2	0.0	0.0	0.0	0.0	0.0	0.5	1.8	3.2	1.3	91.9	6.7
31-35	8.8	8.0	8.0	4.3	0.4	0.2	0.0	0.0	0.9	2.5	5.7	8.2	4.0	88.0	8.1
36-40	8.5	9.0	8.8	5.6	1.2	0.3	0.3	0.4	1.4	3.6	6.5	8.1	4.5	83.4	12.0
41-45	7.7	8.9	8.0	6.7	2.1	0.8	0.6	0.8	2.4	5.0	6.1	7.8	4.8	78.6	16.6
46-50	8.7	8.8	8.2	7.3	3.1	2.0	1.3	1.8	4.0	5.2	7.8	7.2	5.5	73.1	21.4
51-55	6.8	7.4	7.6	7.3	4.6	2.4	2.1	3.3	5.5	7.3	6.5	6.2	5.6	67.5	26.9
56-60	6.5	7.3	7.4	7.1	4.6	4.1	3.3	4.8	6.8	7.8	6.8	6.6	6.1	61.4	32.5
61-65	6.2	6.7	6.6	7.7	7.2	5.0	4.4	6.3	8.9	7.8	5.9	4.9	6.5	54.9	38.6
66-70	6.3	6.0	6.8	7.7	7.0	6.3	6.2	7.8	8.5	7.4	6.4	6.2	6.9	48.0	45.1
71-72	2.2	2.4	3.1	3.5	3.7	3.4	3.3	3.7	3.6	3.6	3.1	2.1	3.1	44.9	52.0
73-74	2.1	2.2	2.3	2.8	3.4	4.0	3.2	3.9	3.2	3.2	1.9	1.7	2.8	42.1	55.1
75-76	2.0	2.4	2.4	2.9	3.4	3.1	3.1	4.4	3.3	3.9	2.6	1.6	2.9	39.2	57.9
77-78	1.3	1.9	2.7	3.1	4.5	4.2	3.6	3.5	3.0	3.5	2.6	1.8	3.0	36.2	60.8
79-80	1.7	1.8	2.3	3.1	4.4	3.7	3.9	4.1	4.2	2.9	2.0	1.9	3.0	33.2	63.8
81-82	1.4	1.1	2.3	3.2	4.4	4.8	3.8	4.0	4.3	2.9	2.2	1.9	3.0	30.2	66.8
83-84	1.5	1.7	2.2	2.8	5.6	6.0	6.0	5.7	4.6	4.0	2.9	1.6	3.7	26.5	69.8
85-86	1.3	1.2	1.1	2.9	5.2	6.2	6.4	5.9	4.8	2.9	2.7	2.0	3.5	23.0	73.5
87-88	1.0	1.2	1.9	3.5	5.6	5.7	5.4	6.1	5.6	4.4	3.1	1.7	3.7	19.2	77.0
89-90	0.8	1.3	1.7	2.8	5.7	6.6	8.1	6.3	4.1	3.7	2.8	1.4	3.7	15.5	80.8
91-92	0.9	1.1	1.6	3.2	6.5	9.8	9.5	8.0	5.6	4.4	3.0	1.2	4.5	11.0	84.5
93-94	0.9	1.2	1.6	3.0	6.3	7.9	9.3	6.9	5.1	3.7	3.4	1.3	4.2	6.8	89.0
95-96	1.0	0.8	0.9	1.9	5.1	7.0	6.5	5.3	4.3	3.0	2.0	0.8	3.2	3.6	93.2
97-98	0.7	0.6	0.4	2.3	4.0	4.9	7.0	5.0	3.5	2.2	1.2	0.3	2.6	1.0	96.4
NUMBER OF READINGS	2601	2369	2603	2496	2498	2390	2419	2494	2445	2566	2506	2597	29984		

STATION:- WAGGA AERO

TABLE 31(d)

## PERCENTAGE FREQUENCY DISTRIBUTION OF ABSOLUTE HUMIDITIES

DEW POINT (C)	VAPOUR PRESSURE (mbar)	MONTH												YEAR	CUMULATIVE	
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
-10	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
-9	3.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	100.0	0.0
-8	3.3	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	99.9	0.0
-7	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.1
-6	3.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.2	0.1	99.9	0.1
-5	4.3	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.2	0.1	0.1	99.8	0.1
-4	4.6	0.1	0.0	0.1	0.0	0.0	0.1	0.1	0.1	0.0	0.1	0.4	0.2	0.1	99.7	0.2
-3	4.9	0.1	0.1	0.2	0.2	0.1	0.6	0.6	0.4	0.1	0.3	0.8	0.4	0.3	99.4	0.3
-2	5.3	0.2	0.1	0.2	0.6	0.2	1.9	1.2	0.9	0.4	0.2	1.0	0.8	0.6	98.7	0.6
-1	5.7	0.4	0.3	0.8	0.8	0.8	2.0	2.4	1.6	1.0	0.6	1.1	1.0	1.1	97.7	1.3
0	6.2	0.2	0.2	0.3	0.8	1.0	2.4	2.6	1.3	1.1	1.1	1.1	0.9	1.1	96.6	2.3
1	6.7	1.5	0.9	1.4	1.7	2.3	6.2	6.2	4.7	3.6	1.9	1.9	2.1	2.8	93.8	3.4
2	7.1	2.2	1.2	1.8	2.5	4.9	8.4	9.6	7.6	5.5	3.4	3.0	2.7	4.3	89.4	6.2
3	7.7	1.5	2.1	2.5	4.5	7.0	8.0	11.9	8.1	7.4	5.3	3.0	3.0	5.3	84.1	10.6
4	8.2	3.0	2.2	3.4	6.6	8.8	12.3	15.8	14.1	11.4	6.7	4.7	5.1	7.8	76.3	15.9
5	8.7	1.7	1.4	3.0	5.0	9.0	9.7	11.8	11.5	9.7	5.5	4.9	5.3	6.5	69.8	23.7
6	9.4	4.4	3.8	4.9	8.1	12.3	12.4	13.7	13.7	11.7	8.1	7.8	6.7	8.9	60.9	30.2
7	10.0	5.3	4.3	6.5	7.5	11.2	11.6	9.3	10.4	11.9	8.8	8.1	6.3	8.4	52.5	39.1
8	10.7	8.0	6.5	8.2	11.9	11.7	10.6	8.0	10.3	11.7	9.9	10.1	7.4	9.5	43.0	47.5
9	11.5	7.8	7.5	8.7	10.1	10.7	6.9	3.7	7.0	9.0	11.6	9.8	10.2	8.6	34.3	57.0
10	12.3	4.7	4.8	5.1	6.4	4.6	2.7	1.1	3.1	4.5	6.4	6.3	6.0	4.7	29.7	65.7
11	13.1	10.1	8.5	9.9	9.7	5.2	2.7	1.4	2.6	4.5	6.9	8.6	9.3	6.7	23.0	70.3
12	14.0	10.0	11.6	11.6	9.2	3.9	1.1	0.5	1.7	4.2	7.7	8.7	9.0	6.7	16.4	77.0
13	15.0	7.0	7.6	7.7	4.4	2.3	0.0	0.0	0.6	1.4	4.4	4.9	5.3	3.9	12.5	83.6
14	16.0	7.1	8.8	7.6	3.5	2.2	0.2	0.0	0.2	0.6	4.5	5.7	5.4	3.8	8.7	87.5
15	17.1	6.1	7.2	5.0	3.8	1.1	0.0	0.0	0.1	0.1	3.3	2.7	3.4	2.8	5.9	91.3
16	18.2	7.1	8.6	5.0	2.0	0.6	0.0	0.0	0.0	0.1	1.8	2.2	3.4	2.6	3.3	94.1
17	19.4	3.5	4.3	2.9	0.5	0.0	0.0	0.0	0.0	0.0	0.9	1.2	2.8	1.4	1.9	96.7
18	20.6	3.7	3.2	2.1	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.7	1.6	1.0	1.0	98.1
19	22.0	2.0	2.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.0	0.5	0.4	99.0
20	23.4	0.8	1.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	99.6
21	24.9	1.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	99.7
22	26.4	0.3	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	99.9
NUMBER OF READINGS		2601	2269	2603	2496	2498	2390	2419	2494	2445	2566	2506	2597	29984		

NUMBER OF DEW POINTS GREATER THAN 38C 0  
 NUMBER OF DEW POINTS LESS THAN -15C 1

STATION:- WAGGA AERO

TABLE 31(e)

## DOUBLE CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION FOR TEMPERATURE AND RELATIVE HUMIDITY

TEMPERATURE (C)	PERCENTAGE OF READINGS AT OR ABOVE GIVEN CONDITIONS																NUMBER OF READINGS
	RELATIVE HUMIDITY (%)																
	0	5	10	15	20	25	30	40	50	60	70	75	80	85	90	95	
-3	100.0	100.0	99.8	99.2	97.6	95.0	91.9	83.4	73.1	61.4	48.0	40.7	33.2	24.9	15.5	5.1	11
-2	100.0	99.9	99.8	99.1	97.5	95.0	91.9	83.4	73.1	61.3	48.0	40.6	33.2	24.8	15.5	5.1	33
-1	99.8	99.8	99.7	99.0	97.4	94.9	91.8	83.3	73.0	61.2	47.9	40.5	33.0	24.7	15.4	5.1	61
0	99.6	99.6	99.5	98.8	97.2	94.7	91.6	83.1	72.8	61.0	47.7	40.3	32.9	24.5	15.2	5.0	139
1	99.2	99.2	99.0	98.4	96.8	94.2	91.1	82.6	72.3	60.6	47.2	39.9	32.4	24.1	14.9	4.7	206
2	98.5	98.5	98.3	97.7	96.1	93.5	90.4	81.9	71.6	59.9	46.5	39.2	31.8	23.5	14.4	4.5	340
3	97.4	97.3	97.2	96.5	94.9	92.4	89.3	80.8	70.5	58.7	45.4	38.1	30.7	22.5	13.6	4.1	448
4	95.9	95.9	95.7	95.0	93.4	90.9	87.8	79.3	69.0	57.3	43.9	36.6	29.3	21.2	12.7	3.8	535
5	94.1	94.1	93.9	93.3	91.7	89.1	86.0	77.5	67.2	55.5	42.2	34.9	27.7	19.8	11.8	3.4	672
6	91.8	91.8	91.7	91.0	89.4	86.9	83.8	75.3	65.0	53.2	40.0	32.8	25.7	18.2	10.8	3.1	929
7	88.7	88.7	88.6	87.9	86.3	83.8	80.7	72.2	61.9	50.1	37.0	29.9	23.1	16.1	9.5	2.8	1154
8	84.9	84.9	84.7	84.1	82.5	79.9	76.8	68.4	58.0	46.4	33.4	26.5	20.0	14.1	8.5	2.5	1409
9	80.2	80.3	80.0	79.1	77.8	75.2	72.1	63.6	53.4	41.7	29.1	22.7	16.9	11.7	6.6	2.0	1445
10	75.4	75.4	75.2	74.5	73.0	70.4	67.3	58.8	48.5	37.0	24.8	19.0	14.0	9.7	5.4	1.5	1404
11	70.7	70.7	70.5	69.9	68.3	65.7	62.6	54.1	43.9	32.6	21.2	15.9	11.5	7.9	4.4	1.2	1480
12	65.8	65.7	65.6	64.9	63.3	60.8	57.7	49.2	39.1	28.1	17.7	13.1	9.3	6.4	3.5	1.0	1553
13	60.6	60.6	60.4	59.8	58.2	55.6	52.5	44.0	34.1	23.7	14.3	10.5	7.4	5.0	2.8	0.8	1416
14	55.9	55.8	55.7	55.0	53.4	50.9	47.8	39.4	29.6	19.9	11.8	8.5	6.0	4.1	2.3	0.7	1331
15	51.4	51.4	51.3	50.6	49.0	46.5	43.4	35.0	25.6	16.6	9.7	6.9	4.9	3.3	1.9	0.6	1247
16	47.3	47.2	47.1	46.4	44.8	42.3	39.2	31.0	22.0	13.8	7.8	5.5	3.8	2.6	1.4	0.4	1298
17	42.9	42.9	42.8	42.1	40.5	38.0	34.9	26.8	18.3	11.1	6.1	4.2	2.8	1.9	1.0	0.3	1299
18	38.6	38.6	38.4	37.8	36.2	33.7	30.7	22.7	14.9	8.6	4.5	3.1	2.1	1.3	0.7	0.2	1189
19	34.6	34.6	34.5	33.8	32.2	29.7	26.7	19.1	11.9	6.5	3.2	2.1	1.4	0.9	0.5	0.1	1037
20	31.2	31.2	31.0	30.3	28.8	26.3	23.4	16.0	9.4	4.8	2.1	1.4	0.9	0.5	0.3	0.1	1043
21	27.7	27.7	27.5	26.9	25.3	22.9	20.0	13.1	7.2	3.4	1.4	0.9	0.5	0.3	0.2	0.0	1082
22	24.1	24.1	23.9	23.3	21.7	19.4	16.7	10.2	5.1	2.2	0.8	0.5	0.3	0.2	0.1	0.0	931
23	21.0	21.0	20.8	20.2	18.7	16.4	13.9	8.0	3.6	1.3	0.4	0.2	0.1	0.1	0.0	0.0	872
24	18.1	18.1	17.9	17.3	15.8	13.7	11.3	6.0	2.4	0.8	0.2	0.1	0.1	0.0	0.0	0.0	794
25	15.4	15.4	15.3	14.7	13.3	11.3	9.0	4.5	1.5	0.4	0.1	0.0	0.0	0.0	0.0	0.0	687
26	13.1	13.1	13.0	12.4	11.0	9.2	7.1	3.3	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	672
27	10.9	10.9	10.7	10.2	8.9	7.2	5.4	2.2	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	642
28	8.7	8.7	8.6	8.1	7.0	5.4	3.8	1.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	585
29	6.8	6.8	6.7	6.2	5.1	3.8	2.5	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	424
30	5.4	5.4	5.3	4.8	3.8	2.7	1.7	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	397
31	4.1	4.1	3.9	3.5	2.7	1.7	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	327
32	3.0	3.0	2.9	2.5	1.8	1.1	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	261
33	2.1	2.1	2.0	1.7	1.2	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	200
34	1.4	1.4	1.4	1.1	0.7	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	131
35	1.0	1.0	0.9	0.7	0.4	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	109
36	0.6	0.6	0.6	0.4	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	81
37	0.4	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40
38	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	41
39	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13
40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6
41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3
42	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2
43	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2
44	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
NUMBER OF READINGS	5	44	199	478	760	932	2556	3082	3522	4003	2208	2241	2499	2808	3107	1539	29983

TABLE 32

STATION:- WILLIAMTOWN AERO.

BUREAU OF METEOROLOGY NUMBER:- 61078

LATITUDE:- 32 49 E

LONGITUDE:- 151 50 S

ELEVATION:- 4m AMSL

PERIOD OF RECORD:- 1/ 1/1963 TO 31/12/1976

TABLE OF MISSING READINGS

TIME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0000	434	396	434	420	434	398	420	434	420	433	420	433	5076
0300	2	3	9	15	15	20	14	11	11	5	4	6	115
0600	3	5	8	14	29	32	14	22	21	13	9	5	175
0900	3	0	2	2	11	12	3	6	5	1	1	1	47
1200	2	1	0	1	0	3	1	0	0	1	0	1	10
1500	0	0	1	0	0	1	0	0	1	0	0	0	3
1800	1	1	2	0	1	5	1	1	0	1	0	0	13
2100	0	0	1	1	5	12	5	3	4	1	2	1	35
TOTAL	445	406	457	453	495	483	458	477	462	455	436	447	5474

AD-A113 664

MATERIALS RESEARCH LABS ASCOT VALE (AUSTRALIA)

F/G 4/2

PERCENTAGE FREQUENCY DISTRIBUTIONS OF TEMPERATURE AND HUMIDITY --ETC(U)

NOV 81 J A MCRAE

UNCLASSIFIED MRL-R-835

NL

3 13 3

030604



STATION: - WILLIAMTOWN AERO.

TABLE 32(a)

## PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURES

TEMPERATURE (C)	MONTH												CUMULATIVE		
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	ABOVE	BELOW
0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	100.0	0.0
1	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	99.9	0.0
2	0.0	0.0	0.0	0.0	0.1	0.1	0.8	0.2	0.1	0.0	0.0	0.0	0.1	99.8	0.1
3	0.0	0.0	0.0	0.0	0.1	0.3	1.1	0.5	0.1	0.0	0.0	0.0	0.2	99.7	0.2
4	0.0	0.0	0.0	0.0	0.2	0.9	1.7	1.0	0.4	0.0	0.0	0.0	0.4	99.3	0.3
5	0.0	0.0	0.0	0.0	0.4	1.5	2.7	2.3	0.9	0.1	0.0	0.0	0.6	98.6	0.7
6	0.0	0.0	0.0	0.0	1.0	2.4	4.8	3.4	1.2	0.1	0.0	0.0	1.1	97.6	1.4
7	0.0	0.0	0.0	0.2	2.2	4.3	5.4	4.0	2.7	0.6	0.0	0.0	1.6	95.9	2.4
8	0.0	0.0	0.0	0.5	2.9	5.3	8.1	5.2	3.5	0.9	0.1	0.0	2.2	93.7	4.1
9	0.0	0.0	0.1	1.0	4.0	7.0	7.3	5.7	3.9	1.2	0.5	0.0	2.5	91.2	6.3
10	0.0	0.0	0.2	1.5	5.3	6.7	7.8	7.2	4.1	1.6	0.6	0.1	2.9	88.3	8.8
11	0.1	0.0	0.6	2.2	6.8	9.6	8.4	8.7	5.2	2.9	1.4	0.1	3.8	84.4	11.7
12	0.0	0.1	0.6	3.5	7.5	9.9	7.9	8.3	6.5	3.7	2.5	0.7	4.3	80.2	15.6
13	0.3	0.4	1.3	4.0	8.8	9.7	9.3	9.5	7.4	4.8	3.0	1.0	5.0	75.2	19.8
14	0.8	0.7	1.5	4.8	8.5	8.3	8.8	8.7	7.6	5.1	2.9	2.2	5.0	70.2	24.8
15	1.1	1.0	2.1	5.3	8.4	8.7	7.7	7.6	8.6	7.5	4.1	1.7	5.3	64.9	29.8
16	1.8	1.7	3.3	7.0	8.1	9.7	6.3	8.0	9.5	10.5	6.4	3.9	6.3	58.5	35.1
17	3.5	2.8	4.0	7.7	9.0	6.8	4.4	6.6	9.2	11.7	9.2	5.4	6.7	51.8	41.5
18	5.2	5.2	7.4	10.4	8.5	4.9	2.9	4.8	7.0	10.6	12.1	7.5	7.2	44.6	48.2
19	6.5	6.4	9.1	10.1	5.5	2.1	1.7	3.1	5.7	8.8	10.0	9.4	6.5	38.1	55.4
20	10.2	8.8	10.2	9.7	4.2	1.1	0.9	2.0	3.4	6.5	9.6	10.0	6.4	31.7	61.9
21	11.5	12.3	12.8	9.4	3.8	0.4	0.9	1.2	3.6	5.7	8.3	11.0	6.7	25.0	68.3
22	12.3	11.8	11.8	7.9	1.9	0.1	0.4	0.8	2.6	4.2	7.3	9.6	5.9	19.1	75.0
23	11.9	11.4	9.7	5.4	1.3	0.2	0.1	0.4	2.1	3.3	5.2	9.4	5.0	14.0	80.9
24	8.5	10.4	8.0	2.6	0.9	0.1	0.1	0.3	1.6	2.7	3.7	6.2	3.7	10.3	86.0
25	5.9	7.9	5.0	2.2	0.4	0.0	0.0	0.2	1.0	1.6	3.0	4.1	2.6	7.7	89.7
26	5.2	6.3	3.1	1.5	0.1	0.0	0.1	0.0	0.8	1.5	2.4	3.8	2.1	5.7	92.3
27	4.2	4.0	2.7	1.2	0.2	0.0	0.0	0.0	0.4	1.3	1.5	3.3	1.6	4.1	94.3
28	2.9	2.4	2.0	0.8	0.0	0.0	0.0	0.0	0.3	0.8	1.3	2.3	1.1	3.0	95.9
29	2.2	1.9	2.0	0.4	0.0	0.0	0.0	0.0	0.0	0.6	1.4	1.7	0.9	2.2	97.0
30	1.4	1.2	1.0	0.2	0.0	0.0	0.0	0.0	0.2	0.5	0.9	1.3	0.6	1.6	97.8
31	1.3	0.9	0.6	0.1	0.0	0.0	0.0	0.0	0.1	0.6	0.4	1.5	0.5	1.2	98.4
32	0.9	0.9	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.4	0.4	1.1	0.4	0.8	98.8
33	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.7	0.2	0.6	99.2
34	0.5	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.4	0.5	0.2	0.4	99.4
35	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.5	0.1	0.3	99.6
36	0.4	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.4	0.1	0.2	99.7
37	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.1	0.1	99.8
38	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.1	99.9
39	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	99.9
40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	100.0
41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
NUMBER OF READINGS	3027	2762	3015	2907	2977	2877	3014	2995	2898	3009	2924	3025	35430		

STATION: - WILLIAMTOWN AERO.

TABLE 32(b)

CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURES  
PERCENTAGE OF READINGS AT OR ABOVE GIVEN TEMPERATURE  
MONTH

TEMPERATURE (C)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0
2	100.0	100.0	100.0	100.0	100.0	100.0	99.5	99.8	100.0	100.0	100.0	100.0	99.9
3	100.0	100.0	100.0	100.0	99.9	99.9	98.7	99.6	99.9	100.0	100.0	100.0	99.8
4	100.0	100.0	100.0	100.0	99.8	99.7	97.6	99.0	99.7	100.0	100.0	100.0	99.7
5	100.0	100.0	100.0	100.0	99.6	98.8	95.9	98.0	99.3	100.0	100.0	100.0	99.3
6	100.0	100.0	100.0	100.0	99.2	97.3	93.3	95.8	98.4	99.9	100.0	100.0	98.6
7	100.0	100.0	100.0	100.0	98.2	94.9	88.5	92.4	97.2	99.8	100.0	100.0	97.6
8	100.0	100.0	100.0	99.8	96.0	90.6	83.1	88.4	94.5	99.2	100.0	100.0	95.9
9	100.0	100.0	100.0	99.2	93.1	85.3	75.0	83.1	91.0	98.4	99.9	100.0	93.7
10	100.0	100.0	99.9	98.2	89.1	78.3	67.7	77.5	87.2	97.2	99.4	100.0	91.2
11	100.0	100.0	99.7	96.7	83.8	71.7	60.0	70.3	83.0	95.6	98.8	99.9	85.3
12	99.9	100.0	99.1	94.5	77.0	62.0	51.6	61.6	77.8	92.8	97.4	99.8	64.4
13	99.9	99.9	98.5	91.0	69.5	52.1	43.7	53.3	71.3	89.1	95.0	99.0	90.2
14	99.5	99.5	97.3	87.0	60.7	42.4	34.4	43.7	63.9	84.3	92.0	98.0	75.2
15	98.7	98.8	95.8	82.2	52.2	34.2	25.6	35.0	56.4	79.2	89.1	95.8	70.2
16	97.6	97.7	93.7	77.0	43.8	25.4	17.9	27.4	47.8	71.7	84.9	94.2	64.9
17	95.8	96.1	90.3	70.0	35.7	15.7	11.5	19.5	38.3	61.2	78.5	90.3	58.5
18	92.3	93.2	86.3	62.3	26.7	8.9	7.1	12.9	29.1	49.5	69.3	85.0	51.8
19	87.1	88.1	78.9	51.8	18.2	4.0	4.2	8.0	22.0	38.9	57.2	77.5	44.6
20	80.7	81.7	69.8	41.8	12.7	1.9	2.5	4.9	16.4	30.1	47.2	68.1	38.1
21	70.5	72.9	59.5	32.0	8.5	0.8	1.6	2.9	12.9	23.5	37.6	58.0	31.7
22	59.0	60.6	46.8	22.7	4.8	0.4	0.7	1.7	9.4	17.8	29.3	47.0	25.0
23	46.7	48.7	35.0	14.8	2.9	0.3	0.3	0.9	6.8	13.6	22.0	37.4	19.1
24	34.9	37.3	25.3	9.4	1.6	0.1	0.2	0.5	4.6	10.4	16.8	28.0	14.0
25	26.3	26.9	17.3	6.8	0.7	0.0	0.1	0.2	3.1	7.7	13.1	21.8	10.3
26	20.4	19.0	12.3	4.5	0.3	0.0	0.1	0.0	2.1	6.1	10.1	17.7	7.7
27	15.2	12.7	9.2	3.0	0.2	0.0	0.0	0.0	1.3	4.6	7.7	13.9	5.7
28	11.1	8.7	6.5	1.8	0.0	0.0	0.0	0.0	0.8	3.3	6.3	10.6	4.1
29	8.1	6.3	4.6	1.0	0.0	0.0	0.0	0.0	0.5	2.5	5.0	8.3	3.0
30	5.9	4.3	2.6	0.6	0.0	0.0	0.0	0.0	0.5	1.9	3.6	6.6	2.2
31	4.5	3.1	1.6	0.3	0.0	0.0	0.0	0.0	0.3	1.4	2.7	5.3	1.6
32	3.3	2.2	1.0	0.2	0.0	0.0	0.0	0.0	0.2	0.8	2.3	3.8	1.2
33	2.4	1.2	0.5	0.0	0.0	0.0	0.0	0.0	0.2	0.4	1.9	2.7	0.8
34	1.7	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.1	0.2	1.5	2.0	0.6
35	1.2	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.1	1.5	0.4
36	0.9	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.8	1.0	0.3
37	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.6	0.2
38	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.5	0.1
39	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1
40	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
41	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NUMBER OF READINGS	3027	2762	3015	2907	2977	2877	3014	2995	2898	3009	2924	3025	35430

STATION: - WILLIAMTOWN AERO.

TABLE 32(c)

PERCENTAGE FREQUENCY DISTRIBUTIONS OF RELATIVE HUMIDITIES

RELATIVE HUMIDITY (%)	MONTH												YEAR	CUMULATIVE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
3-4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
5-6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
7-8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
9-10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	100.0	0.0
11-12	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	100.0	0.0
13-14	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.1	0.0	99.9	0.0
15-16	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.3	0.1	99.8	0.1
17-18	0.1	0.0	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.4	0.3	0.3	0.1	99.7	0.2
19-20	0.2	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.1	0.3	0.4	0.2	0.1	99.6	0.3
21-22	0.3	0.0	0.2	0.2	0.1	0.0	0.1	0.2	0.4	0.2	0.7	0.3	0.2	99.3	0.4
23-24	0.0	0.0	0.1	0.1	0.0	0.1	0.2	0.0	0.6	0.5	0.3	0.5	0.2	99.1	0.7
25-26	0.2	0.0	0.3	0.1	0.2	0.0	0.4	0.3	0.7	0.5	0.5	0.4	0.3	98.8	0.9
27-28	0.4	0.1	0.3	0.3	0.1	0.1	0.3	0.6	0.6	0.8	0.6	0.7	0.4	98.4	1.2
29-30	0.4	0.1	0.3	0.3	0.4	0.1	0.3	0.8	0.9	0.9	0.8	0.5	0.5	97.9	1.6
31-35	1.1	0.7	0.7	1.2	1.1	0.7	2.0	2.7	3.2	2.3	2.5	1.5	1.6	96.3	2.1
36-40	1.6	1.1	1.4	2.2	2.5	1.7	3.7	4.1	4.4	3.1	2.2	2.0	2.5	93.8	3.7
41-45	2.4	1.9	2.2	2.9	3.7	1.6	5.0	5.1	4.2	3.4	3.4	2.8	3.2	90.5	6.2
46-50	4.2	4.1	3.8	5.0	4.1	4.1	6.4	7.1	5.8	5.4	4.9	5.0	5.0	85.5	9.5
51-55	7.0	5.9	5.5	5.9	5.3	4.6	6.6	6.4	6.5	6.1	7.0	7.7	6.2	79.3	14.5
56-60	9.4	7.7	8.1	6.5	6.4	6.7	8.3	8.2	8.6	7.1	9.1	9.7	8.0	71.3	20.7
61-65	9.4	10.0	9.3	8.1	8.6	6.9	8.1	8.0	8.8	8.3	9.0	9.6	8.7	62.6	28.7
66-70	10.3	10.8	10.0	9.3	9.0	8.0	8.9	7.5	7.5	8.6	10.8	10.0	9.2	53.4	37.4
71-72	3.9	4.2	4.5	4.1	4.4	3.8	3.9	3.6	4.3	4.5	4.4	3.2	4.1	49.3	46.6
73-74	4.8	4.5	4.7	4.1	2.6	2.7	2.9	3.3	3.3	3.3	3.5	4.1	3.6	45.7	50.7
75-76	4.0	5.0	4.6	4.7	4.0	4.2	4.3	3.9	3.1	3.9	3.2	3.5	4.0	41.7	54.3
77-78	4.7	4.5	4.8	4.1	3.5	3.9	3.2	3.7	4.0	4.2	4.1	4.7	4.1	37.6	58.3
79-80	4.4	4.9	3.8	4.0	3.4	3.4	2.9	2.8	3.2	3.3	3.1	3.2	3.5	34.0	62.4
81-82	3.7	5.2	4.5	4.8	3.9	5.2	3.8	3.6	3.9	4.3	4.1	4.2	4.3	29.8	66.0
83-84	4.7	6.1	5.0	5.2	4.2	3.9	3.6	2.9	3.2	4.3	5.0	3.7	4.3	25.5	70.2
85-86	5.1	3.7	3.6	3.7	3.8	4.1	3.9	3.6	3.3	4.0	3.2	3.8	3.8	21.6	74.5
87-88	4.1	4.4	4.3	5.3	5.0	6.3	4.4	3.8	4.3	4.5	4.0	4.3	4.6	17.1	78.4
89-90	4.9	4.7	4.8	4.0	5.0	4.3	3.5	3.1	3.2	4.5	3.6	4.7	4.2	12.9	82.9
91-92	2.1	2.9	3.2	3.4	4.8	6.4	3.8	4.8	3.3	3.0	2.5	2.4	3.5	9.3	87.1
93-94	3.2	3.8	4.9	5.0	5.8	7.6	3.5	4.0	3.9	4.5	3.1	3.5	4.4	4.9	90.7
95-96	2.1	2.3	2.7	2.9	4.0	4.9	2.3	2.7	2.0	2.0	1.8	1.5	2.6	2.3	95.1
97-98	0.7	0.8	1.3	1.4	2.2	2.7	1.4	1.5	1.3	0.9	0.8	0.8	1.3	1.0	97.7
NUMBER OF READINGS	3027	2762	3015	2907	2977	2877	3014	2995	2898	3009	2924	3025	35430		

STATION: - WILLIAMTOWN AERO.

TABLE 32(d)

PERCENTAGE FREQUENCY DISTRIBUTION OF ABSOLUTE HUMIDITIES

DEW POINT (C)	VAPOUR PRESSURE (mbar)	MONTH												YEAR	CUMULATIVE	
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
-9	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	100.0	0.0
-7	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
-6	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
-5	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.0
-4	4.6	0.0	0.0	0.0	0.0	0.1	0.0	0.3	0.2	0.2	0.1	0.0	0.0	0.1	99.8	0.1
-3	4.9	0.0	0.0	0.0	0.1	0.1	0.1	0.6	0.3	0.3	0.1	0.1	0.0	0.1	99.7	0.2
-2	5.3	0.0	0.0	0.0	0.1	0.1	0.1	1.5	0.7	0.3	0.4	0.1	0.0	0.3	99.4	0.3
-1	5.7	0.0	0.0	0.1	0.2	0.3	0.7	2.6	1.9	0.8	0.4	0.1	0.0	0.6	98.8	0.6
0	6.2	0.0	0.0	0.1	0.1	0.6	0.8	3.0	1.9	0.9	0.4	0.1	0.0	0.7	98.2	1.2
1	6.7	0.1	0.0	0.1	0.3	1.5	1.4	5.6	4.1	2.6	0.6	0.3	0.0	1.4	96.8	1.8
2	7.1	0.1	0.0	0.3	0.6	2.4	4.2	9.6	9.2	4.5	1.1	0.8	0.3	2.8	94.0	3.2
3	7.7	0.1	0.0	0.1	0.6	3.2	3.8	8.5	5.9	3.9	1.0	0.9	0.1	2.4	91.6	6.0
4	8.2	0.2	0.1	0.4	1.2	4.5	6.5	10.5	9.4	6.8	1.6	1.4	0.3	3.6	88.1	8.4
5	8.7	0.1	0.1	0.2	1.5	5.5	7.6	11.0	10.1	6.1	3.0	2.1	0.5	4.0	84.0	11.9
6	9.4	0.4	0.1	0.6	2.5	7.7	7.9	9.4	9.5	7.9	3.8	2.9	0.8	4.5	79.6	16.0
7	10.0	0.4	0.1	0.7	2.1	6.1	7.0	6.3	6.5	6.3	3.5	1.7	0.6	3.4	76.1	20.4
8	10.7	0.6	0.4	0.6	4.2	8.9	11.3	8.7	10.9	10.0	6.2	4.3	1.8	5.7	70.5	23.9
9	11.5	0.9	0.4	1.9	5.5	10.1	11.7	7.3	8.7	10.7	7.5	5.9	3.2	6.1	64.3	29.5
10	12.3	0.7	0.4	1.9	4.5	6.1	7.7	3.0	4.4	6.7	7.0	4.8	2.3	4.1	60.2	35.7
11	13.1	2.1	1.3	3.5	7.8	8.2	11.1	4.4	5.9	9.1	10.5	8.2	5.8	6.5	53.7	39.8
12	14.0	6.1	4.8	7.4	13.0	12.0	9.9	4.6	4.8	8.7	14.6	11.7	10.1	9.0	44.7	46.3
13	15.0	5.6	3.7	5.2	8.8	5.0	4.0	1.2	2.1	4.6	6.6	6.8	5.7	4.9	39.8	55.3
14	16.0	9.8	8.5	10.1	12.7	6.4	2.3	1.1	1.9	4.5	10.4	11.4	9.8	7.4	32.4	60.2
15	17.1	10.3	10.0	11.7	10.5	3.9	1.5	0.3	0.7	3.1	8.4	11.2	11.3	6.9	25.5	67.6
16	18.2	13.0	14.2	13.1	9.5	3.7	0.3	0.1	0.3	1.4	6.6	9.6	12.4	7.0	18.4	74.5
17	19.4	9.9	10.1	10.6	5.8	2.4	0.0	0.0	0.1	0.5	3.6	6.0	9.7	4.9	13.5	81.6
18	20.6	12.3	13.3	13.2	5.2	1.0	0.0	0.0	0.0	0.1	2.1	5.2	11.0	5.3	8.3	86.5
19	22.0	11.2	13.3	9.3	2.2	0.1	0.0	0.0	0.0	0.1	0.4	2.9	7.5	3.9	4.4	91.7
20	23.4	6.5	7.2	4.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.8	3.7	1.9	2.5	95.6
21	24.9	5.7	7.2	3.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.5	2.0	1.6	0.9	97.5
22	26.4	2.8	3.5	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.0	0.7	0.2	99.1
23	28.1	0.6	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.1	99.8
24	29.8	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	99.9
25	31.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
NUMBER OF READINGS		3027	2762	3015	2907	2977	2877	3014	2995	2898	3009	2924	3025	35430		

NUMBER OF DEW POINTS GREATER THAN 38C 0  
NUMBER OF DEW POINTS LESS THAN -15C 0

STATION:- WILLIAMTOWN AERO.

TABLE 32(e)

DOUBLE CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION FOR TEMPERATURE AND RELATIVE HUMIDITY

TEMPERATURE (C)	PERCENTAGE OF READINGS AT OR ABOVE GIVEN CONDITIONS																NUMBER OF READINGS
	RELATIVE HUMIDITY (%)																
	0	5	10	15	20	25	30	40	50	60	70	75	80	85	90	95	
0	100.0	100.0	100.0	99.9	99.6	99.0	97.9	93.7	85.5	71.3	53.4	43.8	34.0	23.5	12.9	3.3	4
1	100.0	100.0	100.0	99.9	99.6	99.0	97.9	93.7	85.5	71.3	53.4	43.8	34.0	23.5	12.9	3.3	16
2	99.9	99.9	99.9	99.8	99.5	98.9	97.9	93.7	85.5	71.3	53.4	43.7	34.0	23.5	12.8	3.3	39
3	99.8	99.8	99.8	99.7	99.4	98.8	97.8	93.6	85.4	71.1	53.3	43.6	33.9	23.4	12.8	3.3	64
4	99.7	99.7	99.6	99.6	99.2	98.6	97.6	93.4	85.2	71.0	53.1	43.5	33.7	23.2	12.7	3.2	127
5	99.3	99.3	99.3	99.2	98.9	98.3	97.2	93.0	84.8	70.6	52.8	43.1	33.4	23.0	12.6	3.2	230
6	98.6	98.6	98.6	98.5	98.2	97.6	96.6	92.4	84.2	70.0	52.1	42.6	32.9	22.6	12.3	3.1	385
7	97.6	97.6	97.5	97.5	97.1	96.5	95.5	91.3	83.1	68.9	51.2	41.8	32.2	22.1	11.9	3.1	571
8	95.9	95.9	95.9	95.8	95.5	94.9	93.9	89.7	81.5	67.3	49.8	40.6	31.2	21.4	11.5	2.9	784
9	93.7	93.7	93.7	93.6	93.3	92.7	91.7	87.5	79.3	65.3	48.1	39.0	30.0	20.5	10.9	2.7	901
10	91.2	91.2	91.2	91.1	90.8	90.2	89.1	84.9	76.8	62.9	46.1	37.3	28.6	19.5	10.2	2.5	1039
11	88.3	88.3	88.2	88.2	87.8	87.2	86.2	82.0	74.0	60.4	44.0	35.5	27.1	18.2	9.4	2.2	1358
12	84.4	84.4	84.4	84.3	84.0	83.4	82.3	78.2	70.3	57.1	41.3	33.2	25.1	16.8	8.5	2.0	1512
13	80.2	80.2	80.1	80.1	79.7	79.1	78.1	74.0	66.2	53.5	38.4	30.6	22.9	15.2	7.6	1.7	1758
14	75.2	75.2	75.2	75.1	74.8	74.2	73.1	69.1	61.8	49.6	35.1	27.8	20.5	13.3	6.5	1.5	1770
15	70.2	70.2	70.2	70.1	69.8	69.2	68.1	64.3	57.3	45.9	32.0	25.1	18.3	11.7	5.7	1.3	1885
16	64.9	64.9	64.9	64.8	64.4	63.8	62.8	59.2	52.7	42.0	29.0	22.4	16.2	10.4	4.9	1.0	2249
17	58.5	58.5	58.5	58.4	58.1	57.5	56.5	53.2	47.3	37.3	25.3	19.3	13.8	8.6	4.0	0.9	2376
18	51.8	51.8	51.8	51.7	51.4	50.8	49.9	46.8	41.6	32.5	21.5	16.3	11.4	7.0	3.3	0.7	2557
19	44.6	44.6	44.6	44.5	44.2	43.6	42.8	40.0	35.3	27.1	17.5	12.9	8.8	5.4	2.5	0.5	2315
20	38.1	38.1	38.1	38.0	37.7	37.1	36.3	33.8	29.7	22.3	13.8	9.9	6.6	4.0	1.8	0.3	2265
21	31.7	31.7	31.7	31.6	31.3	30.8	30.0	27.8	24.1	17.6	10.2	7.1	4.6	2.6	1.1	0.2	2382
22	25.0	25.0	24.9	24.9	24.6	24.1	23.4	21.5	18.1	12.7	6.8	4.6	2.7	1.4	0.5	0.1	2086
23	19.1	19.1	19.1	19.0	18.7	18.3	17.7	16.0	13.0	8.6	4.2	2.7	1.4	0.6	0.2	0.0	1783
24	14.0	14.0	14.0	13.9	13.7	13.3	12.8	11.3	8.8	5.4	2.2	1.3	0.5	0.2	0.0	0.0	1321
25	10.3	10.3	10.3	10.2	10.0	9.6	9.1	7.9	5.8	3.2	1.1	0.6	0.2	0.0	0.0	0.0	916
26	7.7	7.7	7.7	7.6	7.4	7.1	6.6	5.5	3.7	1.9	0.5	0.2	0.0	0.0	0.0	0.0	732
27	5.7	5.7	5.6	5.6	5.3	5.0	4.6	3.7	2.3	1.0	0.2	0.1	0.0	0.0	0.0	0.0	550
28	4.1	4.1	4.1	4.0	3.8	3.5	3.2	2.4	1.4	0.4	0.1	0.0	0.0	0.0	0.0	0.0	382
29	3.0	3.0	3.0	2.9	2.7	2.5	2.2	1.5	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	303
30	2.2	2.2	2.2	2.1	1.9	1.7	1.4	0.9	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	197
31	1.6	1.6	1.6	1.5	1.4	1.2	1.0	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	164
32	1.2	1.2	1.1	1.1	0.9	0.8	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	133
33	0.8	0.8	0.8	0.7	0.6	0.5	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75
34	0.6	0.6	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60
35	0.4	0.4	0.4	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36
36	0.3	0.3	0.3	0.3	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	48
37	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20
38	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15
39	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12
40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4
41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4
43	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
NUMBER OF READINGS	0	7	28	119	213	370	1477	2911	5040	6336	3415	3459	3728	3766	3387	1174	35430

TABLE 33

STATION:- WOOMERA M.O.

BUREAU OF METEOROLOGY NUMBER:- 16001

LATITUDE:- 31 09 E

LONGITUDE:- 136 48 S

ELEVATION:- 165m AMSL

PERIOD OF RECORD:- 1/ 1/1963 TO 31/12/1976

TABLE OF MISSING READINGS

TIME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
0000	434	393	433	416	434	419	434	433	418	428	413	432	5087
0300	67	60	65	65	71	66	60	26	34	34	42	.65	655
0600	1	1	1	0	8	8	11	8	3	2	0	1	44
0900	0	1	1	0	9	6	6	2	0	0	0	2	27
1200	1	1	0	0	2	0	0	0	0	1	1	0	6
1500	2	0	0	0	1	1	1	1	0	1	2	1	10
1800	3	1	0	0	2	2	1	0	0	1	2	1	13
2100	18	30	31	21	16	16	16	15	13	13	27	14	230
TOTAL	526	487	531	502	543	518	529	485	468	480	487	516	6072

STATION: - WOOMERA M.O.

TABLE 33(a)

## PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURES

TEMPERATURE (C)	MONTH												YEAR	CUMULATIVE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.2	0.0	0.0	0.0	0.0	0.1	99.9	0.0
3	0.0	0.0	0.0	0.0	0.0	0.8	0.6	0.6	0.0	0.0	0.0	0.0	0.2	99.8	0.1
4	0.0	0.0	0.0	0.0	0.0	0.1	1.5	1.7	1.3	0.3	0.0	0.0	0.4	99.4	0.2
5	0.0	0.0	0.0	0.0	0.4	2.2	2.3	2.3	0.8	0.0	0.0	0.0	0.7	98.7	0.6
6	0.0	0.0	0.0	0.0	1.1	3.6	4.9	3.6	1.4	0.2	0.0	0.0	1.2	97.4	1.3
7	0.0	0.0	0.0	0.2	2.4	5.5	5.9	5.1	2.2	0.7	0.0	0.0	1.8	95.6	2.6
8	0.0	0.0	0.0	0.4	3.5	6.6	8.0	5.9	3.4	0.9	0.2	0.0	2.4	93.2	4.4
9	0.0	0.0	0.0	0.9	4.2	7.8	8.3	6.8	3.8	2.0	0.4	0.0	2.9	90.3	6.8
10	0.1	0.0	0.1	1.4	5.2	8.2	7.3	6.7	4.1	2.7	0.8	0.0	3.1	87.2	9.7
11	0.0	0.0	0.4	2.6	6.0	7.9	7.6	7.2	5.4	2.9	1.5	0.1	3.5	83.8	12.8
12	0.3	0.0	0.9	3.1	7.6	9.2	8.2	8.4	5.5	4.4	2.5	0.7	4.4	79.4	16.2
13	0.2	0.3	1.0	4.8	7.8	8.6	9.7	8.9	7.8	3.7	3.3	1.9	4.9	74.5	20.6
14	1.2	0.8	2.3	4.6	8.2	7.5	7.7	8.2	6.7	5.2	3.6	2.7	4.9	69.6	25.5
15	1.7	1.6	2.0	4.7	8.7	7.1	7.8	6.5	7.0	4.6	3.9	2.3	4.8	64.8	30.4
16	3.0	2.2	4.0	6.8	9.0	7.2	7.0	7.1	8.0	5.6	4.1	3.3	5.6	59.1	35.2
17	3.2	2.6	4.1	6.7	7.6	5.8	4.9	5.9	7.0	6.3	4.5	3.6	5.2	54.0	40.9
18	3.7	3.6	4.6	7.9	6.6	3.7	3.0	4.0	5.6	6.6	4.8	4.0	4.8	49.1	46.0
19	3.8	3.1	5.1	7.3	6.2	2.9	2.2	4.2	5.6	6.0	5.3	4.0	4.6	44.5	50.9
20	3.3	4.0	4.8	6.0	3.3	1.5	1.2	2.1	4.8	5.4	4.8	3.8	3.7	40.7	55.5
21	3.9	4.1	6.2	6.9	2.8	1.0	0.7	1.6	4.2	5.2	6.2	4.6	3.9	36.8	59.3
22	4.3	5.4	6.4	5.5	2.9	0.5	0.3	0.8	3.5	5.2	5.0	5.2	3.7	33.1	63.2
23	4.6	5.4	5.8	5.0	1.8	0.2	0.1	0.9	3.1	4.3	6.0	5.2	3.5	29.5	66.9
24	4.8	5.4	6.2	5.2	1.4	0.2	0.1	0.4	2.2	4.5	4.5	4.9	3.3	26.2	70.5
25	4.5	5.4	5.0	3.5	1.1	0.1	0.1	0.6	1.9	3.4	4.9	5.2	3.0	23.2	73.8
26	4.7	6.0	5.4	3.7	0.9	0.0	0.0	0.2	1.3	3.7	4.7	5.8	3.0	20.2	76.8
27	6.0	5.3	5.6	3.3	0.7	0.0	0.0	0.0	1.0	3.3	4.2	4.6	2.8	17.4	79.8
28	5.2	5.4	4.9	2.6	0.3	0.0	0.1	0.1	1.0	3.1	4.4	4.9	2.6	14.7	82.6
29	5.2	5.1	5.0	2.3	0.1	0.0	0.0	0.1	0.6	2.4	3.5	4.7	2.4	12.3	85.3
30	4.7	3.8	4.0	1.6	0.0	0.0	0.0	0.0	0.4	1.7	2.9	4.3	1.9	10.4	87.7
31	4.5	3.9	3.7	1.2	0.0	0.0	0.0	0.0	0.2	1.8	3.1	3.2	1.8	8.6	89.6
32	4.7	4.1	3.4	1.1	0.0	0.0	0.0	0.0	0.1	1.2	2.6	4.6	1.8	6.8	91.4
33	4.1	4.3	3.2	0.5	0.0	0.0	0.0	0.0	0.0	1.0	1.7	3.9	1.6	5.2	93.2
34	4.5	4.2	1.9	0.2	0.0	0.0	0.0	0.0	0.1	0.7	1.7	2.6	1.3	3.9	94.8
35	3.1	3.4	1.5	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.4	2.2	1.0	2.9	96.1
36	2.6	3.3	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.1	2.2	0.9	2.0	97.1
37	2.4	1.9	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.7	1.8	0.6	1.4	98.0
38	2.4	1.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.7	1.7	0.6	0.8	98.6
39	1.1	1.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.7	0.3	0.5	99.2
40	1.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.5	0.2	0.3	99.5
41	0.5	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.1	0.1	99.7
42	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	99.9
43	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	99.9
NUMBER OF READINGS	2946	2681	2941	2858	2929	2842	2943	2987	2892	2992	2873	2956	34840		

TABLE 33(b)

STATION: - WOOMERA M.O.

CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION OF TEMPERATURES  
PERCENTAGE OF READINGS AT OR ABOVE GIVEN TEMPERATURE  
MONTH

TEMPERATURE (C)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2	100.0	100.0	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0
3	100.0	100.0	100.0	100.0	100.0	100.0	99.8	99.8	99.8	100.0	100.0	100.0	100.0
4	100.0	100.0	100.0	100.0	100.0	98.9	99.2	99.2	100.0	100.0	100.0	100.0	100.0
5	100.0	100.0	100.0	100.0	99.8	97.4	97.5	97.8	99.7	100.0	100.0	100.0	100.0
6	100.0	100.0	100.0	100.0	99.4	95.2	95.1	95.5	99.0	100.0	100.0	100.0	100.0
7	100.0	100.0	100.0	100.0	98.3	91.7	90.2	91.8	97.6	99.7	100.0	100.0	100.0
8	100.0	100.0	100.0	99.8	96.0	86.2	84.3	86.7	95.4	99.1	100.0	100.0	100.0
9	100.0	100.0	100.0	99.4	92.5	79.6	76.3	80.9	92.0	98.2	100.0	100.0	100.0
10	100.0	100.0	100.0	98.6	88.3	71.7	68.0	74.1	88.1	96.2	100.0	100.0	100.0
11	99.9	100.0	99.9	97.1	83.1	63.5	60.7	67.4	84.1	93.5	100.0	100.0	100.0
12	99.9	100.0	99.5	94.5	77.1	55.6	53.1	60.2	78.6	90.6	100.0	100.0	100.0
13	99.6	100.0	98.6	91.4	69.4	46.4	44.9	51.7	72.1	86.2	100.0	100.0	100.0
14	99.4	99.6	97.6	86.7	61.6	37.8	35.2	42.9	64.2	82.5	100.0	100.0	100.0
15	98.3	98.8	95.3	82.1	53.4	30.2	27.5	34.7	57.6	77.3	100.0	100.0	100.0
16	96.6	97.2	93.3	77.4	44.7	23.1	19.6	28.2	50.6	72.7	100.0	100.0	100.0
17	93.6	95.0	89.3	70.6	35.7	15.9	12.7	21.0	42.6	67.1	100.0	100.0	100.0
18	90.4	92.4	85.2	63.9	28.0	10.1	7.8	15.1	35.7	60.8	100.0	100.0	100.0
19	86.7	88.7	80.7	56.0	21.5	6.3	4.9	11.1	30.0	54.3	100.0	100.0	100.0
20	82.9	85.6	75.6	48.7	15.3	3.4	2.7	6.9	24.4	48.9	100.0	100.0	100.0
21	79.7	81.6	70.8	42.7	11.9	2.0	1.4	4.9	19.6	42.8	100.0	100.0	100.0
22	75.8	77.5	64.6	35.9	9.1	1.0	0.7	3.2	15.4	37.6	100.0	100.0	100.0
23	71.4	72.1	58.2	30.3	6.2	0.5	0.5	2.4	11.9	32.4	100.0	100.0	100.0
24	66.8	66.7	52.4	25.3	4.4	0.3	0.3	1.5	8.8	28.1	100.0	100.0	100.0
25	62.0	61.3	46.2	20.1	3.0	0.1	0.2	1.0	6.5	23.6	100.0	100.0	100.0
26	57.5	55.9	41.2	16.6	1.9	0.0	0.1	0.4	4.6	20.2	100.0	100.0	100.0
27	52.8	49.8	35.8	12.9	1.1	0.0	0.1	0.2	3.4	16.4	100.0	100.0	100.0
28	46.8	44.5	30.1	9.7	0.4	0.0	0.1	0.2	2.4	13.1	100.0	100.0	100.0
29	41.6	39.1	25.3	7.0	0.1	0.0	0.0	0.1	1.4	10.1	100.0	100.0	100.0
30	36.4	33.9	20.2	4.7	0.0	0.0	0.0	0.0	0.8	7.6	100.0	100.0	100.0
31	31.7	30.2	16.2	3.1	0.0	0.0	0.0	0.0	0.4	5.9	100.0	100.0	100.0
32	27.2	26.3	12.5	1.9	0.0	0.0	0.0	0.0	0.2	4.1	100.0	100.0	100.0
33	22.5	22.2	9.1	0.8	0.0	0.0	0.0	0.0	0.2	2.9	100.0	100.0	100.0
34	18.4	17.8	5.9	0.3	0.0	0.0	0.0	0.0	0.1	1.9	100.0	100.0	100.0
35	13.9	13.7	4.0	0.1	0.0	0.0	0.0	0.0	0.0	1.2	100.0	100.0	100.0
36	10.8	10.3	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.8	100.0	100.0	100.0
37	8.2	7.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.4	100.0	100.0	100.0
38	5.8	5.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.2	100.0	100.0	100.0
39	3.4	3.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	100.0	100.0	100.0
40	2.3	1.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	100.0	100.0	100.0
41	1.3	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	100.0	100.0
42	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	100.0	100.0
43	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	100.0	100.0
44	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	100.0	100.0
NUMBER OF READINGS	2946	2681	2941	2858	2929	2842	2943	2987	2892	2992	2873	2956	2941

STATION: - WOOMERA M.O.

TABLE 33(c)

## PERCENTAGE FREQUENCY DISTRIBUTIONS OF RELATIVE HUMIDITIES

RELATIVE HUMIDITY (%)	MONTH												CUMULATIVE		
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	ABOVE	BELOW
3-4	0.6	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.2	0.1	99.8	0.0
5-6	0.6	0.5	0.3	0.1	0.0	0.0	0.0	0.0	0.3	0.7	0.8	0.9	0.4	99.5	0.2
7-8	1.9	1.1	0.3	0.2	0.0	0.0	0.0	0.0	0.7	1.3	2.2	2.6	0.9	98.6	0.5
9-10	3.1	2.7	1.3	0.6	0.0	0.0	0.1	0.2	0.9	2.0	2.3	3.7	1.4	97.2	1.4
11-12	4.3	3.3	1.6	0.5	0.0	0.0	0.1	0.2	0.8	2.1	3.8	4.0	1.7	95.5	2.8
13-14	4.0	4.3	1.9	0.9	0.1	0.1	0.1	0.4	1.7	3.2	4.1	4.0	2.1	93.4	4.5
15-16	4.5	4.2	1.9	1.4	0.2	0.0	0.1	0.5	1.5	3.9	3.7	4.3	2.2	91.3	6.6
17-18	4.7	3.5	3.4	1.9	0.5	0.1	0.2	0.9	1.8	3.9	4.5	5.0	2.5	88.7	8.7
19-20	5.0	4.6	3.9	2.6	0.8	0.2	0.2	1.3	1.6	3.7	4.2	5.1	2.8	86.0	11.3
21-22	4.4	4.3	4.8	2.6	0.9	0.4	0.6	1.6	1.8	3.5	4.3	5.4	2.9	83.1	14.0
23-24	4.3	4.1	4.6	2.9	1.2	0.6	0.6	1.5	2.7	3.9	4.6	4.9	3.0	80.1	16.9
25-26	4.2	3.9	4.4	3.2	1.5	0.7	0.7	1.4	2.6	3.4	4.5	4.7	2.9	77.2	19.9
27-28	3.0	3.6	5.0	4.1	1.8	0.9	1.5	2.1	2.8	3.4	4.6	3.4	3.0	74.1	22.8
29-30	3.6	3.7	3.9	3.3	1.6	1.2	1.6	2.4	3.1	3.5	3.9	3.7	3.0	71.2	25.9
31-35	7.7	8.4	9.6	10.1	5.7	4.0	4.7	6.8	8.3	8.5	8.9	7.9	7.5	63.6	28.8
36-40	6.4	6.6	8.6	10.1	7.9	6.1	6.1	8.3	9.5	7.3	6.4	6.0	7.4	56.2	36.4
41-45	5.5	4.8	7.5	8.4	8.8	6.8	7.6	8.0	7.4	6.2	6.3	4.7	6.8	49.3	43.8
46-50	5.1	5.3	6.1	7.3	10.1	8.1	8.1	8.2	8.1	5.7	4.8	4.4	6.8	42.6	50.7
51-55	4.5	5.4	5.2	6.2	7.9	8.7	8.4	7.4	5.6	5.1	4.2	4.4	6.1	36.5	57.4
56-60	4.1	4.7	4.0	4.9	7.3	9.0	9.2	6.4	5.8	3.6	3.9	5.1	5.7	30.8	63.5
61-65	4.6	4.8	5.5	4.6	6.1	8.4	8.4	6.1	5.2	4.3	4.6	4.6	5.6	25.2	69.2
66-70	4.0	4.6	5.0	4.8	6.1	6.2	6.9	5.3	4.8	4.5	4.4	4.2	5.1	20.1	74.8
71-72	1.2	1.1	1.9	2.4	2.7	3.1	3.6	2.1	2.7	1.4	1.8	1.3	2.1	18.0	79.9
73-74	1.1	1.7	1.5	1.7	2.4	2.8	2.1	2.2	1.7	1.6	0.9	0.9	1.7	16.3	82.0
75-76	1.1	1.2	1.4	1.7	2.1	2.8	2.1	2.5	1.9	1.7	1.0	0.9	1.7	14.6	83.7
77-78	0.8	1.2	1.8	1.8	2.4	2.8	2.3	2.4	1.8	1.8	0.9	0.6	1.7	12.9	85.4
79-80	0.5	1.2	1.2	1.5	3.1	2.9	2.3	2.0	1.7	1.2	0.9	0.6	1.6	11.3	87.1
81-82	0.7	0.7	0.9	1.5	2.3	2.2	2.6	2.7	1.9	1.3	0.7	0.5	1.5	9.8	88.7
83-84	0.7	0.7	0.7	1.4	2.3	2.9	2.6	3.2	2.0	1.2	0.5	0.3	1.5	8.3	90.2
85-86	0.4	0.5	0.5	1.2	2.4	3.0	2.7	2.1	1.6	0.8	0.4	0.3	1.3	6.9	91.7
87-88	0.4	0.5	0.4	1.3	2.1	2.8	2.6	2.2	1.8	0.8	0.5	0.3	1.3	5.6	93.1
89-90	0.6	0.3	0.1	1.1	1.8	2.8	2.2	2.1	1.1	0.6	0.7	0.2	1.1	4.5	94.4
91-92	0.4	0.3	0.3	1.3	2.6	3.1	3.1	2.6	1.7	1.0	0.2	0.3	1.4	3.0	95.5
93-94	0.6	0.3	0.3	0.9	1.8	3.0	2.3	2.0	1.5	0.8	0.4	0.2	1.2	1.9	97.0
95-96	0.4	0.9	0.2	1.1	1.9	2.2	2.0	1.3	0.8	0.7	0.2	0.3	1.0	0.9	98.1
97-98	0.4	0.4	0.1	0.3	0.7	1.1	1.3	0.9	0.5	0.7	0.1	0.0	0.5	0.3	99.1
NUMBER OF READINGS	2943	2681	2941	2858	2929	2842	2943	2987	2891	2992	2873	2956	34836		

STATION: - WOOMERA M.O.

TABLE 33(d)

## PERCENTAGE FREQUENCY DISTRIBUTION OF ABSOLUTE HUMIDITIES

DEW POINT (C)	VAPOUR PRESSURE (mbar)	MONTH												YEAR	CUMULATIVE	
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ABOVE	BELOW
-13	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
-12	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	100.0	0.0
-11	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
-10	2.9	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	99.9	0.0
-9	3.1	1.0	0.4	0.6	0.6	0.1	0.0	0.4	0.9	1.8	1.7	1.1	0.7	0.8	99.2	0.1
-8	3.3	0.1	0.3	0.2	0.2	0.2	0.2	0.3	0.5	0.8	0.9	0.3	0.5	0.4	98.8	0.8
-7	3.6	0.3	0.1	0.2	0.3	0.2	0.1	0.4	0.6	0.6	0.9	0.7	0.6	0.4	98.4	1.2
-6	3.9	0.4	0.4	0.2	0.2	0.2	0.1	0.5	0.7	1.2	1.2	1.3	1.0	0.6	97.8	1.6
-5	4.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.6	1.1	1.6	1.2	0.6	0.6	97.2	2.2
-4	4.6	1.2	0.9	0.3	0.7	0.3	0.8	1.0	1.6	1.4	2.0	2.1	1.5	1.2	96.0	2.8
-3	4.9	1.5	0.9	0.9	0.7	0.5	1.2	2.4	2.3	2.2	3.1	2.3	2.2	1.7	94.3	4.0
-2	5.3	2.0	1.4	1.4	1.2	1.1	2.3	2.1	3.7	3.0	3.6	3.8	2.4	2.3	92.0	5.7
-1	5.7	2.3	1.8	1.7	1.4	2.2	3.5	3.6	4.7	3.5	4.8	3.6	3.1	3.0	89.0	8.0
0	6.2	1.6	0.8	1.0	1.3	2.0	3.7	4.0	4.6	4.3	3.4	2.6	2.8	2.7	86.3	11.0
1	6.7	3.2	2.8	2.9	3.5	5.1	8.0	7.4	9.5	8.2	7.0	6.4	5.1	5.8	80.5	13.7
2	7.1	4.9	3.2	4.9	5.6	8.9	12.6	15.2	13.9	11.4	8.6	8.7	6.9	8.8	71.7	19.5
3	7.7	3.8	3.5	3.6	6.0	8.4	7.5	8.4	8.5	7.0	5.8	4.5	4.6	6.0	65.7	28.3
4	8.2	5.6	5.9	5.8	9.3	10.0	10.1	12.3	11.8	10.9	8.6	8.4	7.5	8.9	56.9	34.3
5	8.7	5.3	4.4	5.0	8.2	11.1	10.0	11.2	10.6	10.6	8.0	8.8	7.7	8.4	48.4	43.1
6	9.4	6.6	6.3	6.6	10.6	9.4	9.1	9.8	8.0	7.6	8.3	8.5	6.7	8.1	40.3	51.6
7	10.0	4.9	5.1	4.9	7.4	7.8	8.1	6.8	4.2	6.1	5.1	6.1	5.8	6.0	34.3	59.7
8	10.7	7.6	7.6	8.7	9.2	9.3	8.2	6.3	5.5	6.2	6.6	7.8	7.6	7.5	26.8	65.7
9	11.5	8.2	7.0	9.0	7.9	7.6	6.9	3.6	3.7	3.8	5.4	6.4	6.8	6.4	20.4	73.2
10	12.3	4.9	4.3	6.1	5.1	3.6	2.1	1.1	1.4	1.8	3.3	3.1	4.8	3.5	17.0	79.6
11	13.1	7.4	6.9	8.2	5.7	3.6	3.1	1.1	1.5	2.1	2.9	4.4	5.3	4.3	12.6	83.0
12	14.0	7.8	9.3	9.0	6.3	4.0	1.5	1.4	1.0	2.1	2.7	3.6	5.7	4.5	8.1	87.4
13	15.0	2.0	3.7	3.5	1.3	0.9	0.2	0.2	0.1	0.7	0.3	0.8	1.8	1.3	6.8	91.9
14	16.0	3.3	6.5	5.4	2.2	1.6	0.3	0.3	0.1	0.8	1.4	1.5	2.1	2.1	4.7	93.2
15	17.1	3.3	5.2	3.6	2.7	1.1	0.1	0.1	0.0	0.7	1.7	0.7	2.0	1.7	3.0	95.3
16	18.2	2.8	3.3	2.0	1.0	0.5	0.0	0.0	0.0	0.1	0.4	0.4	1.5	1.0	2.0	97.0
17	19.4	1.0	0.8	1.6	0.6	0.2	0.0	0.0	0.0	0.0	0.1	0.5	0.5	0.4	1.6	98.0
18	20.6	1.6	2.6	1.4	0.3	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.7	0.6	1.0	98.4
19	22.0	1.7	1.7	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.5	0.4	0.6	99.0
20	23.4	1.0	0.9	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.4	99.4
21	24.9	0.9	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.3	99.6
22	26.4	1.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.2	0.1	99.7
23	28.1	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	99.9
24	29.8	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9
NUMBER OF READINGS		2943	2681	2941	2858	2929	2842	2943	2987	2891	2992	2873	2956	34836		

NUMBER OF DEW POINTS GREATER THAN 38C 0  
NUMBER OF DEW POINTS LESS THAN -15C 4

STATION:- WOOMERA M.O.

TABLE 33(e)

## DOUBLE CUMULATIVE PERCENTAGE FREQUENCY DISTRIBUTION FOR TEMPERATURE AND RELATIVE HUMIDITY

## PERCENTAGE OF READINGS AT OR ABOVE GIVEN CONDITIONS

## RELATIVE HUMIDITY (%)

TEMPERATURE (C)	0	5	10	15	20	25	30	40	50	60	70	75	80	85	90	95	NUMBER OF READINGS
1	100.0	99.7	97.2	92.4	86.0	78.6	71.2	56.2	42.6	30.8	20.1	15.5	11.3	7.6	4.4	1.3	2
2	100.0	99.7	97.2	92.4	86.0	78.6	71.2	56.2	42.6	30.8	20.1	15.5	11.3	7.6	4.4	1.3	18
3	99.9	99.6	97.2	92.3	85.9	78.6	71.1	56.1	42.5	30.8	20.1	15.4	11.3	7.5	4.4	1.3	58
4	99.8	99.5	97.0	92.2	85.7	78.4	70.9	56.0	42.3	30.6	19.9	15.3	11.2	7.4	4.4	1.3	146
5	99.4	99.1	96.6	91.7	85.3	78.0	70.5	55.5	41.9	30.2	19.6	15.0	10.9	7.3	4.3	1.3	238
6	98.7	98.4	95.9	91.1	84.6	77.3	69.8	54.9	41.3	29.6	19.0	14.5	10.5	7.0	4.1	1.3	432
7	97.4	97.1	94.6	89.8	83.4	76.0	68.6	53.6	40.1	28.5	18.1	13.6	9.8	6.5	3.8	1.2	642
8	95.6	95.3	92.8	88.0	81.5	74.2	66.8	51.8	38.3	26.8	16.7	12.5	8.9	5.9	3.5	1.1	840
9	93.2	92.9	90.4	85.6	79.1	71.8	64.4	49.4	36.0	24.7	15.1	11.1	7.8	5.1	3.0	1.0	1000
10	90.3	90.0	87.5	82.7	76.3	68.9	61.5	46.6	33.3	22.3	13.1	9.5	6.6	4.4	2.6	0.9	1068
11	87.2	86.9	84.5	79.6	73.2	65.9	58.4	43.6	30.5	19.9	11.3	8.1	5.5	3.6	2.1	0.7	1216
12	83.8	83.5	81.0	76.1	69.7	62.4	55.0	40.2	27.5	17.6	9.7	6.8	4.6	3.1	1.8	0.6	1518
13	79.4	79.1	76.6	71.8	65.4	58.0	50.7	36.1	24.0	14.9	8.0	5.6	3.7	2.5	1.5	0.5	1695
14	74.5	74.2	71.7	66.9	60.5	53.2	45.8	31.7	20.3	12.3	6.5	4.5	3.0	2.0	1.2	0.4	1710
15	69.6	69.3	66.8	62.0	55.6	48.3	41.0	27.4	17.1	10.2	5.3	3.7	2.5	1.6	1.0	0.4	1688
16	64.8	64.5	62.0	57.2	50.8	43.5	36.4	23.3	14.2	8.3	4.2	3.0	2.0	1.3	0.8	0.3	1961
17	59.1	58.9	56.4	51.5	45.2	38.0	31.0	19.1	11.2	6.4	3.2	2.3	1.5	1.0	0.6	0.2	1806
18	54.0	53.7	51.2	46.4	40.1	33.0	26.3	15.5	8.8	5.0	2.5	1.8	1.2	0.8	0.5	0.2	1686
19	49.1	48.8	46.3	41.6	35.3	28.4	22.1	12.3	6.8	3.7	1.8	1.3	0.9	0.6	0.4	0.2	1620
20	44.5	44.2	41.7	37.0	30.8	24.2	18.4	9.8	5.2	2.8	1.3	1.0	0.6	0.4	0.3	0.1	1305
21	40.7	40.4	38.0	33.3	27.2	20.9	15.5	7.9	4.0	2.1	1.0	0.7	0.5	0.3	0.2	0.1	1372
22	36.8	36.5	34.0	29.4	23.6	17.5	12.6	6.2	3.0	1.6	0.7	0.5	0.4	0.2	0.2	0.1	1303
23	33.1	32.8	30.3	25.7	20.1	14.5	10.1	4.7	2.2	1.1	0.5	0.4	0.3	0.2	0.1	0.1	1235
24	29.5	29.2	26.8	22.3	16.9	11.8	8.0	3.5	1.6	0.8	0.3	0.2	0.2	0.1	0.1	0.0	1152
25	26.2	25.9	23.5	19.1	14.1	9.5	6.2	2.6	1.1	0.5	0.2	0.1	0.1	0.0	0.0	0.0	1035
26	23.2	22.9	20.6	16.3	11.7	7.6	4.8	1.8	0.7	0.3	0.1	0.1	0.0	0.0	0.0	0.0	1053
27	20.2	19.9	17.6	13.6	9.4	5.8	3.6	1.3	0.4	0.2	0.1	0.0	0.0	0.0	0.0	0.0	986
28	17.4	17.1	14.9	11.1	7.4	4.3	2.6	0.9	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	920
29	14.7	14.5	12.3	8.9	5.6	3.2	1.8	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	840
30	12.3	12.0	10.1	6.9	4.2	2.2	1.2	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	674
31	10.4	10.1	8.3	5.4	3.1	1.6	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	626
32	8.6	8.3	6.6	4.2	2.3	1.1	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	629
33	6.8	6.6	5.0	3.0	1.5	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	541
34	5.2	5.0	3.7	2.0	1.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	460
35	3.9	3.7	2.6	1.3	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	345
36	2.9	2.7	1.8	0.8	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	305
37	2.0	1.9	1.2	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	223
38	1.4	1.3	0.8	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	203
39	0.8	0.7	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	109
40	0.5	0.4	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	82
41	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	49
42	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23
43	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18
44	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7
NUMBER OF READINGS	103	868	1683	2237	2560	2592	5222	4747	4092	3718	1632	1446	1305	1084	1091	460	34840

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